#### STIC-Biotech/ChemLib

From:

Sent: To:

Whiteman, Brian Tuesday, February 15, 2005 10:33 AM

Subject:

STIC-Biotech/ChemLib

seq search

09/729.264 EFD 11/28/00 Welcher et al.

Please search seq id nos: 1, 3, and 5 againt us patent and us patent application databases.

Please search seq id nos: 2, 4, and 6 againt us patent and us patent application databases.

#### Thank you

Brian Whiteman Remsen, 2D14 mail box 2C18 Patent Examiner - Art Unit 1635 United States Patent and Trademark Office (571) 272-0764

STAFF USE ONLY

Searcher:\_ Searcher Phone: 2-Date Searcher Picked up:\_ Date Completed:\_\_ Searcher Prep/Rev. Time:\_ Online Time:\_

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Type of Search NA Sequence: #\_ AA Sequence:# Structure: #\_ Bibliographic:\_ Litigation:\_ Patent Family:\_ Other:\_

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Vendors and cost where applicable STN:\_ DIALOG: QUESTEL/ORBIT: LEXIS/NEXIS: SEQUENCE SYSTEM: WWW/Internet:\_ Other(Specify):\_\_

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Listing first 45 summaries
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2: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
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## ALIGNMENTS

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NUMBER OF SEQ ID NOS: 4096
SOUTWARE: PatentIn Ver. 2.1
SEQ ID NO 1104
LENGTH: 2051
TYPE: DNA
ORGANIAM: Homo sapiens
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Publication No. US20030236392A1
GENERAL INFORMATION:
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Best Local Similarity
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TITLE OF INVENTION: No. US20030236392A1el full length cDNA
FILE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
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IENGTH: 474

TYPE: DNA

ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(474)
CTHER INFORMATION: n = A
US-09-918-995-3342
RESULT 3
US-09-864-761-16305
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FILE REFERENCE: 20417-56
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
FRIOR APPLICATION NUMBER: US/09/235,076
FRIOR APPLICATION NUMBER: US/09/235,076
FRIOR FILING DATE: 1999-01-20
NUMBER: OSCIPTANAE: FRACTSCH NOS: 38054
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 3342
LENGTH: 474
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Best Local Simi
Matches 272;
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                                          CAGTCCTGAGAAGGTCAGTAATACAACTGTAGTATAG 1175
                                                                                         GCGGGCTGATCAACGTCCACCCAGGCCAGCCAAGTCATCCACAGGCTTCTTTTAATCTGGC
                                                                                                       GCGGGCTGATCAACGTCCACCCAGGCCAGCAAGTCATCCACAGGCTTCTTTTAATCTGGC 1138
                                                                                                                                        CAAATCCTGTGAATCCAGTGATCCTGAACAAAGAAACAGTAGCTGTGGCCCTCCTCACCA
                                                                                                                                                    ACTTTTAAGGAAATCTGAAAAAGAGAAGAACAAAGAAACTGAGACAGAAAGTGGAAA
                                                                                                                                                                                                   22.9%;
nilarity 98.2%;
Conservative
                                                                                                                                                                                                                                                                                                                                                       A, T, C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUCLEIC ACID SEQUENCES VARIOUS CDNA LIBRARIES
                                                                                                                                                                                                                                                                                         Score 269; DB 10;
Pred. No. 1.3e-68;
0; Mismatches 5;
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Sequence 16305, Application US/09864761

Retent No. US20020048763A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharron G.

APPLICANT: Penn, David R.

APPLICANT: Hanzel, David R.

APPLICANT: Hanzel, David R.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE; Acomica-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT PILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: US 9/632,366

PRIOR APPLICATION NUMBER: US 9/632,366

PRIOR APPLICATION NUMBER: US 9/632,366

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: DCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664

FOR

RESULT 2
US-09-918-995-3342
; Sequence 3342, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.

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PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anndmax Sequence Listing Engine vers. 1.1
SEQ ID NO 16309
I.ENGTH. AC1
                                                                                                                                                                                                                                                                                                               Sequence 4945, Application US/09983965 Patent No. US20020137160A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Warren, Wesley C.
APPLICANT: Tao, Nengbing
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Wathialagan, Nagappan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION ITILE OF INVENTION: MUSCLE AND FAT DEPOSITION
FILE REFERENCE: 37-21(10297)C
CURRENT APPLICATION NUMBER: US/09/983,965
CURRENT FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 09/465,231
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 5912
SEQ ID NO 4945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AF121782.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL =
-09-864-761-16305
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APPLICATION NUMBER: PCT/USO1/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/USO1/00663
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/USO1/00662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/234,687
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TACCTTCCAGGTTCTGGGTAATGAAGTCATAGAAGGCCCCCAAAATGCAAGAGTC 261
                                                                                                                                                                                                                                                                                                                                                                                                                                  GACCGCTTCACCTCTCAGAG 401
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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Pred. No. 2.1e-45;
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RESULT 5
US-10-424-599-16675/c
US-10-424-599-16675, Application US/10424599
; Publication No. US20040031072A1
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                                                                                                                                              RESULT 6
US-10-357-930-54485
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: LA ROSA Thomas J
APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 16675
LENGTH: 775
TYPE: DNA
TYPE: DNA
Sequence 54485, Application US/10357930
Publication No. US20040259086A1
GENERAL INFORMATION:
APPLICANT: Schlegel. Robert
APPLICANT: Endege, Wilson
APPLICANT: Monahan, John
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 74.8
Matches 178; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 4.3%;
Best Local Similarity 73.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Clone ID: PAT_MRT3847_115063C.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Bos taurus
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                                                                                                                                                                                                                                                          868 GCTGTAGAAGAAAAAGGGATTTCGTATT
                                                                                                                                                                                                                                                                                                                                       808 GCTGCTGCTGCCGCCGTCGTTGTTGTGGCCTGCAACTGCTGCTGCCGTTGTTTTCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      341
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GAGCCCATCATCACCAATGACCGCTTCACCTCTCAGAGGTACGACCAGGGCGGGGAACT 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CCCCAGAATGCAACAGTCCTGAAGGGCTCCCAGGCTCGCTTCAACTGCACCGTCTCCCAG
                                                                                                                                                                                                                                                                                                                GAGACCATCATCACCAGTGACCGCTTCACTTCGGCAAGCTACCAAGAGGGCCGGAACT 398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GGCTGGAAGCTCGTCATGTGGGCTCTGAGAGGCACAGTGGTGCTGAGCATGACACCTAAT 340
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CCCAAGAATGTCACAGCCCTGAAGGGCTCGGAGGCTCGCTTCAACTGCACCATCTCGCAG 280
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                                                                                                                                                                                                                                GCTGCTGCTGCTGAGCCCTTTGTAAT
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74.8%;
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Pred. No. 0.00068;
0; Mismatches 24
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                                                                                                                                                                                                                                                                         896
                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 17;
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RESULT 7
US-10-384-107-1/c
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SOFTWARE: PatentIn version 3.1 SEQ ID NO 1
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                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: The Trustees of Columbia University
APPLICANT: Kandel, Eric R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FITTLE OF INVENTION: IDENTIFICATION, ASSESSM
FILT REFERENCE: HUMAN PROSTATE CANCER
FILL REFERENCE: MRI-007BCN
CURRENT APPLICATION NUMBER: US/10/357,930
CURRENT FILING DATE: 2003-02-04
PRIOR APPLICATION NUMBER: 09/785,276
PRIOR FILING DATE: 2003-02-16
PRIOR APPLICATION NUMBER: 60/183,319
PRIOR FILING DATE: 2000-02-17
PRIOR FILING DATE: 2000-02-17
PRIOR FILING DATE: 2000-03-16
PRIOR APPLICATION NUMBER: 60/189,862
PRIOR FILING DATE: 2000-05-25
PRIOR FILING DATE: 2000-05-25
PRIOR FILING DATE: 2000-05-25
PRIOR PRIOR APPLICATION NUMBER: 60/211,314
PRIOR PRIOR DATE: 2000-06-09
PRIOR APPLICATION NUMBER: 60/219,007
PRIOR PRILING DATE: 2000-07-18
PRIOR PRILING DATE: 2000-12-13
                                                                                                                                                                               APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/10384107
Publication No. US20050003477A1
                                                                           APPLICANT: Siegelbaum, Steven
APPLICANT: Tibbs, Gareth
APPLICANT: Tibbs, Gareth
TITLE OF INVENTION: Pacemaker Channel Proteins and Uses Thereof
FILE REFERENCE: 0575/54806-B
CURRENT APPLICATION NUMBER: US/10/384,107
CURRENT FILING DATE: 2003-03-06
CURRENT FILING DATE: 2003-03-06
                                PRIOR APPLICATION NUMBER: 08/997,685
PRIOR FILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 109;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version SEQ ID NO 54485
LENGTH: 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1047 CARAGARACAGTAGCTGTGGCCCTCCTCACC 1077
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Bartsch, Dusan
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Pred. No. 0.003;
0; Mismatches 102;
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APPLICANT: Pfizer Inc.
APPLICANT: Castlaberry, Tessa A.
APPLICANT: Lu, Bihong
APPLICANT: Owen, Thomas A.
APPLICANT: Smock, Steven L.
TITLE OF INVENTION: The Canine Androgen Receptor
FILE REFERENCE: PC10893AGPR
CURRENT APPLICATION NUMBER: US/10/008,739A
CURRENT FILLNG DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                  US-10-008-739A-1/c
                                                                                                                                                                                                                                                  RESULT 9
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                                                                                                                                                                              ; Sequence 1, Application US/10008739A; Publication No. US20020161194A1; GENERAL INFORMATION:
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; ORGANISM: mouse
US-10-384-107-1
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Best Local 9
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APPLICANT: Attar, Ricard M.

APPLICANT: Bol, David K.

APPLICANT: Bol, David K.

APPLICANT: Gottardis, Marco

APPLICANT: Mookhtiar, Kasim

APPLICANT: Mookhtiar, Kasim

APPLICANT: Rowley, Ronald B.

APPLICANT: Ostrowski, Jacek

TITLE OF INVENTION: UNDER THE REGULATION OF ANDROGEN RESPONSE ELEMENTS

FILE REFERENCE: D0287 NP
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local S
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CURRENT FILING DATE: 2003-07-16
PRIOR APPLICATION NUMBER: US 60/396,501
PRIOR FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/10620514 Publication No. US20040068762A1
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TYPE: DNA
ORGANISM: Rattus norvegicus
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                                                                                                                                                                                                                                                                                                                                                                                      762 CTAGCAGGCACCATGCTTCTGACGCCGACGTGTACTCTTACAATACGCTGCTGCTGCTGC 821
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75.6%;
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Pred. No. 0.032;
0; Mismatches
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JOKHTIAT: NAMECO

APPLICANT: Oḍtrowski, Jacek

TITLE OF INVENTION: TRANSGENIC NON-HUMAN MAMMALS EXPRESSING A REPORTER NUCLEIC ACID

TITLE OF INVENTION: UNDER THE REGULATION OF ANDROGEN RESPONSE ELEMENTS

FILE REFERENCH: D0287 NP

CURRENT APPLICATION NUMBER: US/10/620,514

CURRENT FILING DATE: 2003-07-16

PRIOR APPLICATION NUMBER: US 60/396,501

PRIOR APPLICATION DATE: 2003-07-17

NUMBER OF SEQ ID NOS: 14

SOPTWARE: Pateintin version 3.2

LENGTH: 11004

TYPE: DNA

ORGANYON:
GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas J.

APPLICANT: Kovalic, David K.

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and

TITLE OF INVENTION: Plants

FILE REFERENCE: 38-21(53222)B

CURRENT APPLICATION NUMBER: US/10/425,115
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US-10-425-115-122846
; Sequence 122846, Application US/10425115
; Publication No. US20040214272A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: artificial nucleic acid construct US-10-620-514-1
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; LENGTH: 3577
; TYPE: DNA
; ORGANISM: Canine
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 73; Conserv
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Local Similarity 65.7%;
les 67; Conservation
                                                                                                                                                                                                                                                                                                                                                    10641 CCAGTGGCCTCCCTTGCTCTCACGCTGCTGCTGCTTCGGATATTACCTCCTGCTGCTGT 10700
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Pred. No. 0.071;
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Pred. No. 0.037;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 17; Length 11004;
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                                                            Other Molecules Associated
                                                                                                                                                                                                                                                                                                                                                                                                                             45; Indels
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US-10-424-599-10899/c
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SEQ ID NO 122846
LENGTH: 542
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LENGTH: 1097
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10899, Application US/10424599 Publication No. US20040031072A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 112; Conserv
                                                                                                                                               Matches
                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53223)B CURRENT APPLICATION NUMBER: US/10/424,599 CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 285684
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: La Rosa Thomas
APPLICANT: Kovalic David
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
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                                                                                                                                                                                                                                                       ORGANISM: Glycine max FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                        548
                                                                                            808 GCTGCTGCTGCTGCCGCCGTCGTTGTTGTGGCTGCCAACTGCTGCTGCTGCTGCTTGTTTCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         232 AAAAAAAAAAAAAAAAAAAGCCCCCCCGGTTTTCCCCCCCTAAAAGGGGAAAAACCCCCCC
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488 G 488
                                  868 G 868
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                                                                                                                                             51;
                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                          Score 45; DB 17; Length 1097; Pred. No. 0.038; 0; Mismatches 10; Indels
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Pred. No. 0.019;
0; Mismatches 111;
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RESULT 13
US-10-437-963-61590
; Sequence 61590, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La ROBA, Thomas J.

Cao, Zhou,

Kovalic, David K.

Yihua

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; APPLICANT: Liew, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 421/2005
; CURRENT APPLICATION NUMBER: US/10/242,535A
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 10/085,783
; PRIOR FILING DATE: 2002-02-28
; PRIOR FILING DATE: 2002-07-13
; PRIOR FILING DATE: 2001-07-13
; PRIOR FILING DATE: 2001-07-13
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; SOPTWARE: PatentIn version 3.2
; SEQ ID NO 1932
; SEQ ID NO 1932
; LENGTH: 616
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                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Human
US-10-242-535A-1932
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US-10-242-535A-1932/c
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                                                                                                                                              Query Match 3.8%; Score 44.8; DB 17; Best Local Similarity 81.2%; Pred. No. 0.031; Matches 52; Conservative 0; Mismatches 12;
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Best Local Similarity 65.3
66; Conservative
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53221)8
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 61590
LENGTH: 1511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: ChondroGene Inc. APPLICANT: Liew, C.C.
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ORGANISM: Oryza sativa
FEATURE:
                                      868 GCTG 871
                                                                                    808 GCTGCTGCCTGCCGCCGTCGTTGTTGTGGCTGCAACTGCTGCTGCTGCCGTTGTTGTTTCT 867
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GCTG 423
                                                              Boukharov, Andrey A. Barbazuk, Brad
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TITLE OF INUMNION: Compositions and Methods Relating to Osteoarthritis
FILE REFERENCE: 4231/2002
CURRENT APPLICATION NUMBER: US/10/085,783A
CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR PILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR PILING DATE: 2001-03-12
PRIOR PILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-3.1
PRIOR FILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-2
PRIOR FILING DATE: 2001-03-2
PRIOR FILING DATE: 2001-03-2
PRIOR FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 58994
SOPTWARE: Patentin version 3.2
ENGTH: 616
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Best Local Similarity
Matches 52; Conserva
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                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Human
US-10-085-783A-1932
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US-10-085-783A-1932/c
US-10-085-783A-1932/c
; Sequence 1932, Application US/10085783A
; Publication No. US20040037841A1
; GENERAL INFORMATION:
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Pred. No. 0.031;
0; Mismatches 12;
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Search completed: February 25, 2005, 06:16:01 Job time: 828.424 secs

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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfIles1.seq:*
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US-08-997-685A-1
US-09-270-767-12050
US-09-270-767-12050
US-09-491-356C-13
US-09-491-356C-16
US-09-491-356C-17
US-09-491-356C-18
US-09-491-356C-2
US-09-491-356C-1
US-09-497-016-159225
US-09-497-016-159225
US-09-497-016-13471
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US-08-531-9278-1 US-09-041-886-12 US-09-181-585-3 4 US-09-181-585-3 4 US-09-181-585-2 US-09-181-585-2 US-09-181-958-2 US-09-181-964-5139 US-08-328-442-12 US-08-328-809-7 US-08-328-809-7 US-08-328-809-7 US-08-328-809-7 US-08-328-809-7 US-08-328-809-7 US-08-328-809-7 US-08-328-809-7 US-09-288-796A-9300 US-09-288-796A-9300 US-09-288-796A-9301 US-09-475-515-46 US-09-475-515-46 US-09-475-515-45 US-09-475-515-45 US-09-475-515-45	78	2025	1944	1836	1557	309	3292	3292	3292	3292	3292	2940	1471	1159	1037	1776	1776	0000
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	12, App]	45, Appl	46, Appl	47, Appl	5091, Ap	9300, Ap	12, Appl	7, Appli	7, Appli	12, Appl	12, Appl	5139, Ap	2, Appli	1, Appli	3, Appli	12, Appl	1, Appli	raddy ''

### ALIGNMENTS

US-09-253-691-3/c RESULT 1

Sequence 3, Application US/09253691

Patent NO. 6124100

GENERAL IMPORMATION:

APPLICANT: Dong Kyu JIN

TITLE OF INVENTION: Diagnostic Method and Ki
TITLE OF INVENTION: Using Trinucleotide Repe

FILE REFERENCE: 1942/36

CURRENT APPLICATION NUMBER: US/09/253,691

CURRENT FILING DATE: 1999-02-22

EARLIER APPLICATION NUMBER: KR 98-6,278

EARLIER FILING DATE: 1996-02-26

Diagnostic Method and Kit for Using Trinucleotide Repeats

for Neuropsychiatric Diseases cs Sequence

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RESULT 2
US-09-270-767-12780/c
; Sequence 12780, Application US/09270767
; Pattent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
. SOFTWARE: Patentin Ver. 2.0
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Best Local Similarity
Matches 89; Conserv
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                                                                                                                                                                                                                                                                                                                                                                          AACTTAAAAGAATAAATACACCATGAGAAAA
                                                                                                                                                                                                                                                                                                                GCTGTTGCTGCTTTTGCTGCTGTCTGAAACATTCAAAAGTGAAGTATATTTAAAAAACAA
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58.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                              .e; DB 3;
1.9e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                    62;
                                                                                                                 of Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 397;
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RESULT 4
US-08-531-927B-3/c
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; ORGANISM: Rattus rattus
US-09-497-822C-20
                                                                  Patent No. 5840491
TITLE OF INVENTION: Disease Gene and Uses Thereof NUMBER OF SEQUENCES: 23
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Best Local Similarity
Fiches 58; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: French, Frank
APPLICANT: Wilson, Elizabeth
APPLICANT: Joseph, David
APPLICANT: Joseph, David
APPLICANT: Joseph, David
APPLICANT: Lubahn, Dennis
TITLE OF INVENTION: ANDROGEN RECEPTOR PROTEINS RECOMBINANT DNA MOLECULES AND CODING
TITLE OF INVENTION: AND USE OF SUCH COMPOSITIONS
FILE REFERENCE: 5470.130DV
CURRENT APPLICATION UNMERS: US/09/497,822C
CURRENT FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.1
LENGTH: 4288
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                                                                                                                                                                               Sequence 3, Application US/08531927B Patent No. 5840491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 76; Conserv
                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Kakizul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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LENGTH: 1918
                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                APPLICANT: Kakizuka, TITLE OF INVENTION: 1
                                                                                                                                                                                                                                                                                 1637 ÅG 1636
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                                                                                                                                                                                                                                                                                                                  883
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Conservative (
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                                                                                                                     DNA Sequence Encoding the Machado-Joseph
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Pred. No. 7.4e-05;
0; Mismatches 11; Indels 0
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SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 2733
; TYPE: DNA
; ORGANISM: mouse
US-08-997-685A-1
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Patent No. 6551821
GENERAL INFORMATION:
APPLICANT: The Trustees of Columbia University
APPLICANT: Kandel, Eric
TITLE OF INVENTION: Brain Cyclic Nucleotide Gated Ion Channel and Uses Thereof
FILE REFERENCE: 0575/54806
CURRENT APPLICATION UNMBER: US/08/997,685A
CURRENT FLING DATE: 1997-12-12
NUMBER OF SEQ ID NOS: 60
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 325 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
    Query Match
Best Local Similarity
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Best Local Similarity 57.8%;
Matches 100; Conservative
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APPLICATION NUMBER: US/08/531,927B
FILING DATE: 21-SEP-1995
CLASSIFICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION UMBER: JP H6-251600
FILING DATE: 21-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: 32,227
REFERENCE/DOCKET NUMBER: ATH95-01A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION
TELECOMMUNICATION INFORMATION:
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NAME/KEY:
LOCATION:
FEATURE:
NAME/KEY:
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MEDIUM TYPE: Floppy disk
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TOPOLOGY: lir
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ZIP: 021
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  852 TGCCGTTGTTTCTGCTGTAGAA-GAAAAGAGGATTTCGTATTCAATTTCAAAAGAA 910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        210 TGTCCTGATAGGTCCCSCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGC
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Score 47.6; DB 4;
Pred. No. 0.0014;
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Pred. No. 0.00021;
2; Mismatches 70;
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4.1%; 75.6%;

Length 2733;

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APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of
FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 14129

LENGTH: 4773

TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                     RESULT 7
US-09-270-767-14129/c
US-09-270-767-14129, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
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US-09-270-767-30237/c
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; ORGANISM: Drosophila melanogaster
US-09-270-767-30237
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SEQ ID NO 30237
LENGTH: 1989
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APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT FILMO INVESE: US/09/270,767
CURRENT FILMO DATE: 1999-03-17
NUMBER OF SEQ,ID NOS: 62517
                                                                                                                           Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                     Matches
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                                                                                                                                                                               ORGANISM: Drosophila melanogaster -09-270-767-14129
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GCTGCTGACGAA 3650
                             GCTGTAGAAGAA 879
                                                         GCTGCTGCTGCCGCCGCCGTCGTTGTTGTGGCTGCAACTGCTGCTGCCGTTGTTGTTTCT 867
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ilarity 77.8%;
Conservative
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                                                                                                                  Score 46.4; DB 4; Length 4773; Pred. No. 0.0049; 0; Mismatches 16; Indels 0
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US-09-270-767-12050/c
US-09-270-767-12050/c
Sequence 12050, Application US/09270767
; Patent No. 6703401
; GENERAL INFORMATION:
    APPLICANT: Homburger et al.
    TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
    FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12050
LENGTH: 1532
TYPE: DNA
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                                                                                                                              Query Match
Best Local Similarity
Watches 52; Conserva
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APPLICANT: Ginns, Edward I.
APPLICANT: Gelisi, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN
FILE REFERENCE: 9465.6USI1
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT EILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
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; Sequence 13, Application US/09491356C
; Patent No. 6566061
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SEQ ID NO 13
LENGTH: 253
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity
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Pred. No. 0.002;
0; Mismatches 12;
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Pred. No. 0.0061;
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; ORGANISM: Homb sapiens
US-09-491-356C-14
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Best Local Similarity 81.2%;
Matches 52; Conservative
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PATENT NO. 6566061
GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Delisi, Lynn
TITLE OF INVENTION: DEWNIFFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF
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                                                                                                                                                                                                                                                                                                                                      PILE REFERENCE: 9465.6USII
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR PILING DATE: 1998-04-29
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PRIOR PILING DATE: 1998-04-29
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Best Local Similarity 81.2%;
Matches 52; Conservative
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SEQ ID NO 14
LENGTH: 265
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APPLICANT: Delisi, Lynn

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REFERENCE: 9465.6USI1

CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT FILING DATE: 2000-01-26

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR FILING DATE: 1999-04-29

PRIOR FILING DATE: 1999-04-29

PRIOR APPLICATION NUMBER: 605/083,465

PRIOR PLING DATE: 1998-04-29

NUMBER OF SEQ ID NOS: 24
                                                                                                                                                                                                                                                                    LENGTH: 265
TYPE: DNA
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                                                                868 GCTG 871
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GCTG 95
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Delisi, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.6US11
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SEQ ID NO 18
SEQ ID NO: 24
SEQ ID NO 18
SEQ ID NO 18
LENGTH: 265
TYPE: DNA
ORGANISM: Homo sapiens
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CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PATCH V899/09365
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTMARE: PATCHT VETSION 3.1
SEQ ID NO 17
SEQ ID NO 17
LENGTH: 265
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; Sequence 18, Application US/09491356C

; Patent No. 6566061
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Best Local S
Matches 52
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US-09-491-356C-17/c
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APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Delist, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.6USI1
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Best Local Similarity 81.2%;
Matches 52; Conservative
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                                                                                            808 GCTGCTGCTGCCGCCGCCGTCGTTGTTGTGGCTGCTACTGCTGCTGCTGCTTGTTTCT 867
                                      868 GCTG 871
                                                                       98 GCTG 95
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Similarity 81.2%;
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                                                                                                                                                       Score 44.8; DB 4;
Pred. No. 0.0021;
0; Mismatches 12;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Delisi, Lynn
ITILE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILLE REFERENCE: 9465 6USI1
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PAtentIn version 3.1
SEQ ID NO
LENGTH: 6794
TYPE: DNA
ORGANISM: Homo BapienB
US-09-491-356C-2
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GENERAL INFORMATION:
APPLICANT: Bemdad, Cynthia C.
APPLICANT: Bemdad, Cynthia C.
TITLE OF INVENTION: THE USE OF SELF-ASSEMBLED MONOLAYERS TO TITLE OF INVENTION: PROBE THE STRUCTURE OF A TARGET MOLECULE FILE REFERENCE: M1015/7004/TJO
CURRENT APPLICATION NUMBER: US/09/324,258
CURRENT FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: U.S. 60/087,766
PRIOR FILING DATE: 1998-06-02
NUMBER OF SEQ ID NOMER: 1998-06-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1
LENGTH: 1876
TYPE: DNA
ORGANISM: Homo Bapiens
FEATURE:
NAME/KEY: CD9
LOCATION: (242)...(1261)
COTHER INFORMATION: hTBP
US-09-324-258-1
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US-09-324-258-1/c
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                                                                                                                                                    Query Match 3.8%; Score 44.8; DB 4; Length 6794; Best Local Similarity 76.4%; Pred. No. 0.02; Matches 55; Conservative 0; Mismatches 17; Indels 0
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                                                                  868 GCTGTAGAAGAA 879
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Db 6289 GCTGCTGCCGCA 6278

Search completed: February 25, 2005, 00:51:52 Job time : 218.127 secs

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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq
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1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

9: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

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10: /cgn2_6/ptodata/2/pubpaa/US09E_PUBCOMB.pep:*

11: /cgn2_6/ptodata/2/pubpaa/US09E_PUBCOMB.pep:*

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10: /cgn2_6/ptodata/2/pubpaa/US10E_PUB.pep:*

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Copyright (c) 1993 - 2005
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      5 US-10-104-047-3074
5 US-10-309-290-98
5 US-10-309-290-100
5 US-10-309-290-96
US-10-180-410-26
4 US-10-184-644-559
4 US-10-184-634-559
5 US-10-180-410-2
5 US-10-180-410-2
5 US-10-312-528-2
5 US-10-312-528-2
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Sequence 3074, Ap
Sequence 98, Appl
Sequence 96, Appl
Sequence 4, Appl
Sequence 26, Appl
Sequence 259, App
Sequence 559, App
Sequence 2, Appli
Sequence 2, Appli
Sequence 12, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 13, Appl
Sequence 13, Appl
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-10-176-993-58	-10-176-992-5	-10-176-987-58	-10-176-985-58	-10-176-750-58	-10-176-747-5	-10-176-492-58	-10-176-488-58	-10-175-743-5	US-10-175-740-584	-10-175-739-58	-10-174-588-5	-10-174-582-58	-10-174-579-58	-10-174-572-58	0-173-700-58	-10-180-557-58	-10-180-552-58	-10-176-913-58	-10-176-757-58	0-176-482-5	-10-175-752-5	-10-175-738-58	-10-173-706-58	0-176-915-5	-10-176-914-58	-10-176-749-5	-10-176-483-58	-10-174-581-58	-10-175-737-5	-10-176-758-58	0-174-590-5
equence 58	equence 5	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	Seguence 584,	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 5	equence 58
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US-10-104-047-3074
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Publication No. US20030236392A1

GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20030236392A1e1 full length
FILE REFERENCE: H1-A0105
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: PRIOR FILING DATE:
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3074
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                                                    129 AENEPCEVTCLPSHWTRLPDISWELGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTL 188
154
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AENEPCEVTCLPSHWTRLPDISWELGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTL
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CURRENT APPLICATION NUMBER: US/10/309,290
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR FILING DATE: 2001-12-02
PRIOR APPLICATION NUMBER: 60/338,285
PRIOR FILING DATE: 2001-12-07
PRIOR PPLICATION NUMBER: 60/341,346
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/342,592
PRIOR APPLICATION NUMBER: 60/344,297
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US-10-309-290-98
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APPLICANT:
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERRAPEUTIC POLYPEPTIDES,
FILE REFERENCE: 21402-552A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Alsobrook II, John |
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
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                                                JR APPLICATION NUMBER: 60/344,297
JR FILING DATE: 2001-12-27
JR APPLICATION NUMBER: 60/344,903
JR FILING DATE: 2001-12-31
JR APPLICATION NUMBER: 60/373,288
JR FILING DATE: 2002-04-17
                 APPLICATION NUMBER: 60/380,981 FILING DATE: 2002-05-15
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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Chillakuru, Rajeev A.
Edinger, Shlomit R.
Gerlach, Valerie L.
Gorman, Linda
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Murphey, Ryan
----raian, Meera
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Rieger, Daniel K.
Shenoy, Suresh G.
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Rastelli, Luca
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Boldog, Ferenc L.
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                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Alsobrook II, John P.
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Chillakuru, Rajeev A.
APPLICANT: Edinger, Shlomit R.
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US-10-309-290-100
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; NUMBER OF SEQ ID NOS: 274
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 98
; LENGTH: 390
; TYPE: PRT
; ORGANLEM: Homo sapiens
US-10-309-290-98
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      217 EPVPLEEVOLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWMKD-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         121
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
                                                             Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
Smithson, Glennda
Starling Granda
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PGVLSSLPSLGFSLPTWGKYGLGLAGTMLLT-----PTCTLTIRCCCCRRRCCGCNCC
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                                                                                                                                                                                                                                                                                                                  Guo,
                                                                                                                                                                                                                                                                                                                                                      Edinger, Shlomit R. Gerlach, Valerie L. Gorman, Linda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -GVPLPLPPSPVLILPEIGPODOGTYSCVATHSSHGPQESRAVSISIIE-PGEEG-----
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                                                                                                                                 Peyman, John A.
Rastelli, Luca
                                                                                                                                                                        Murphey, Ryan
Patturajan, Meera
                                                                                                                                                                                                                                                                                                                             Gould-Rothberg, Bonnie
                                                                                                                                                                                                                                                                                                                                                                                                           Boldog, Ferenc L.
Burgess, Catherine E.
Chillakuru, Rajeev A.
                                                                                                                                                                                                              Miller, Charles E.
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US-10-309-290-96
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-309-290-100
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PRIOR FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR FILING DATE: 2001-12-12
PRIOR FILING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
PRIOR PRIOR APPLICATION NUMBER: 60/341,540
PRIOR FILING DATE: 2001-12-17
PRIOR PRIOR PRIOR DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/342,592
PRIOR PILING DATE: 2001-12-20
PRIOR APPLICATION NUMBER: 60/344,297
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR FILING DATE: 2001-12-31
                    Sequence 96, Application US/10309290 Publication No. US20040023241A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 274
SOFTWARE: CurdSeqList version 0.1
SEQ ID NO 100
LENGTH: 390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local
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APPLICANT: Alsobrook II, John P.
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CURRENT FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR FILING DATE: 2001-12-05
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
FILE REFERENCE: 21402-502A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2002-05-15
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FILING DATE: 2002-04-17
APPLICATION NUMBER: 60/380,981
                                                                                                                                                                                376
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                                                                                                                                                                                                                                                                                                           CRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKTTDTASLPPKS
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                                                                                                                                                                                                                                                                 QRRGEERKAPENQEEEEERAELN --
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FILE REFERENCE: 21402-502A
CURRENT APPLICATION NUMBER: US/10/309,290
CURRENT FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR FILING DATE: 2001-12-05
PRIOR PPLICATION NUMBER: 60/338,285
PRIOR APPLICATION NUMBER: 60/338,285
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR FILING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
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SEQ ID NO 96
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PRIOR APPLICATION NUMBER: 60/380,981
PRIOR FILING DATE: 2002-05-15
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PRIOR FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: 60/373,288
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                                                                                                                                                                                                                                                                                                     LENGTH: 404
TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2001-12-17
APPLICATION NUMBER: 60/342,592
FILING DATE: 2001-12-20
                       121
                                                           174 KEQTRRHPETGLFTLQSELM---VTPARGGDPRPTFSCSFSPGLPRHRALRTAPIQPRVW
                                                                                                                                                                                                            85;
                                                                                                                                                                      15 EVIEGPQNATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMEPIITNDRFTS-
IP----SVNLVVAENEP----
                                                                                               ---- ORYDOGGNFT--SEMIIHNVEPSDSGNIR---- CSLONSRLHGSAYLTVQVMGELF
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
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Zhong, Mei
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Gerlach, Valerie L.
Gorman, Linda
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Burgess, Catherine
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Patturajan, Meera
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    iller, Charles
                                                                                                                                                                                                          7.2%; Score 147.5; DB 15; ilarity 22.6%; Pred. No. 0.0011; Conservative 40; Mismatches 114;
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                                                                                                                                                                                                                                                                                                                                                                                 version 0.1
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 CEVTCLPSHWTRLPDISWELGLLVSHSSY 162
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                                                                                                                                                                                                            Indels 137;
                                                                                                                                                                                                                                                Length 404;
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; TYPE: PRT
; ORGANISM: Human
US-08-755-235-4
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Publication No. US20030059423A1
GENERAL INFORMATION:
APPLICANT: Stern, David M.
APPLICANT: Schmidt, Ann Marie
APPLICANT: Wo, Jun
TITLE OF INVENTION: METHOD FOR TREATING SYMPTOMS
FILE REFERENCE: 0575/50159
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/08/755,235
CURRENT FILING DATE: 1996-11-22
NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
    391
                          333 SCESSDPEQRNSSCGPP 349
                                                               368
                                                                                             275
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                                                                                                                                                                                                    163 YFYPEPSDLQSAVSILALTPQSNGTLTÇYATWKŞLKARKŞ-ATVNLTVIRCPQDTGGGIN 221
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                                                                                                                                                                                                                                                               121 IP----SVNI,VVAENEP------CEVTCLPSHWTRLPDISWELGLLVSHSSY 162
                                                                                                                                                                                                                                                                                            174 KEQTRRHPETGLFTLQSELM---VTPARGGDPRPTFSCSF8PGLPRHRALRTAPIQPRVW 230
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                                                                                                                                                                                                                                                                                                                          71 ---- QRYDQGGNFT--SEMIHNVEPSDSGNIR----CSLQNSRLHGSAYLTVQVMGELF 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    231
                                                                            CCRCCFCCRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKTTDTASLPPK 332
                                                                                                                                       IPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTTRCCCCRRRCCGCNC 274
--QSEEPEAGESSTGGP 405
                                                                                                                                                                       -GVPLPLPPSPVLILPEIGÞÓDQGTYSĆVÄTHSŠHGPQEŚRÁVVSISIÍE-ÞGEEĞ----
                                                                                                                                                                                                                                                                                                                                                         EIVDSASELTA--GVPNKVGTCVSEGSYPAGTLSWHLDG-----KPLVPNEKGVSV 173
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                                                                                                                                                                                                                                                                                                                                                                                                                      6.9%; Score 142; DB 8; Length 405; idarity 22.8%; Pred. No. 0.0032; Conservative 40; Mismatches 113; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ------PTAGSVGGSGLGTLALALGILGGLGTAALLIGVILWQRR------ 366
                                                                                                            ----PTAGSVGGSGLGTLALALGILGGLGTAALLIGVILWQRR----
                                                       QRRGEERKAPENQEEEEERAELN---
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APPLICANT:
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APPLICANT:
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RESULT 6

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Publication NO. USERVERATION:
GENERAL INFORMATION:
APPLICANT: SUN CHAO
APPLICANT: CARULLI, JOHN P.
APPLICANT: LUKASHIN, ALEXANDER V.
APPLICANT: LUKASHIN, DANIEL R.
TITLE OF INVENTION: PANCAM NUCLEIC ACIDS AND POL
FILE REFERENCE: A097 CIP
CURRENT FILING DATE: 2002-06-24
PRIOR APPLICATION NUMBER: US/10/180,410
PRIOR APPLICATION NUMBER: PCT/US01/19904
PRIOR APPLICATION NUMBER: 60/213,611
PRIOR PILING DATE: 2001-06-22
PRIOR PILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 33
SOPTWARE: Patentin Ver. 2.1
US-10-184-644-559
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          Prior Application removed - See File Wrapper or :
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 559
LENGTH: 2473
TYPE: DNA
ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT; CRGANISM: Homo sapiens US-10-180-410-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 559, Application US/10184644 Publication No. US20030044930A1 GENERAL INFORMATION:
                                                                                                                                                 APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430RIC227
CURRENT APPLICATION UNMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
CURRENT FILING DATE: 2002-06-28
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SEQ ID NO 26
LENGTH: 633
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               68 ---DLPGWSRYWISGNAANGOHDLHIRPVELEDEASYECQATQAGLRSRPAQLHVLVPPE 124
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1 Similarity 24.2%; Pred. No. 0.0083; 
56; Conservative 40; Mismatches 105; Indels 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 LVIFILHGSGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEPI 62
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Godowski, Paul J.
Gurney, Austin L.
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APPLICANT: SUN, CHAO
APPLICANT: CARULLI, JOHN P.
APPLICANT: LUKASHIN, ALEXANDER V.
APPLICANT: KILBURN, DANIEL R.
TITLE OF INVENTION: PANCAM NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: A097 CIP
CURRENT APPLICATION UNMBER: US/10/180,410
CURRENT FILING DATE: 2002-06-24
PRIOR APPLICATION NUMBER: PCT/US01/19904
PRIOR APPLICATION NUMBER: 607213,611
PRIOR APPLICATION NUMBER: 60/213,611
PRIOR APPLICATION DATE: 2000-06-22
PRIOR FILING DATE: 2000-06-22
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US-10-180-410-2
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US-10-184-634-559
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US-10-184-634-559
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CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 559
LENGTH: 2473
                                                                                                                                                                                                                                           Sequence 2, Application US/10180410 Publication No. US20030148382A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 559, Application US/10184634 Publication No. US20030068684A1 GENERAL INFORMATION:
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Best Local
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Best Local Similarity
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TITLE OP INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C217
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Local Similarity 29.5%;
tee 31; Conservative 3
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Godowski, Paul J.
Gurney, Austin L.
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Pred. No. 0.065;
3; Mismatches
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SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 2
LENGTH: 592
TYPE: PRT
ORGANISM: Homo sapiens
US-10-312-528-2
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US-10-312-528-2
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 6.7%; Score 138; DB 14; Length 592; Best Local Similarity 23.8%; Pred. No. 0.011; Matches 55; Conservative 40; Mismatches 106; Indels 3
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: SUN, CHAO
TITLE OF INVENTION: GP34 NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: A097PCT00454-114
CURRENT APPLICATION NUMBER: US/10/312,528
CURRENT FILING DATE: 2002-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/213,611
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 18
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  177
                                             168 -- PSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 216
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                                                                                              122 APQVLGG---PSVSLVA--GVPANLTCRSRGDARPTPELLWFRDGVLLDGTTFHQTLLKE
                                                                                                                                            114 -- QVMGELFIPSVNLVVAENEPCEVTCLPSHWTR-LPDISW-ELGLLVSHSSYY--FVPE 167
                                                                                                                                                                                               65 ---DLPGWSRYWISGNAANGQHDLHIRPVELEDEASYECQATQAGLRSRPAQLHVLVPPE 121
                                                                                                                                                                                                                                          63 ITNDRFTSQRYDQGGNFTS---EMIIHNVEPSDSGNIRCSLQNSRLHG-SAYLTV----- 113
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GTPGSVESTLTLTPFSHDDGATFVCRARSQALPTGRDTAITLSLQYPPEVT
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LUKASHIN, ALEXANDER V.
KILBURN, DANIEL R.
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; TYPE: PRT
; ORGANISM: Homo
US-10-312-528-12
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APPLICANT: CARULLI, JOHN P.

APPLICANT: LUKASHIN, ALEXANDER V.

APPLICANT: LUKASHIN, DANIEL R.

TITLE OF INVENTION: PANCAM NUCLEIC ACIDS AND POLYPEPTIDES

FILE REFERENCE: A097 CIP

CURRENT APPLICATION NUMBER: US/10/180,410

CURRENT FILING DATE: 2002-06-24

PRIOR APPLICATION NUMBER: PCT/US01/19904

PRIOR APPLICATION NUMBER: PCT/US01/19904

PRIOR APPLICATION NUMBER: 607213,611

PRIOR FILING DATE: 2001-06-22

PRIOR FILING DATE: 2000-06-22

PRIOR FILING DATE: 2000-06-22

INMBER OF SEQ ID NOS: 33
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; ORGANISM: Homo sapiens
US-10-180-410-12
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US-10-180-410-12
  Best Local Similarity
                                                                                                                                    SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
                            Query Match
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                                                                                                                                                                                                                     APPLICANT: KILBURN, DANIEL R.
APPLICANT: SUN, CHAO
TITLE OF INVENTION: GP34 NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: A097PCT00454-114
CURRENT APPLICATION NUMBER: US/10/312,528
CURRENT FILING DATE: 2002-12-23
                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/213,611 PRIOR FILING DATE: 2000-06-22 NUMBER OF SEQ ID NOS: 18
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APPLICANT: CARULLI, JO
APPLICANT: LUKASHIN, I
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SEQ ID NO 12
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                                                                                                                      LENGTH: 594
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   65 ---DLPGWSRYWISGNAANGOHDLHIRPVELEDEASYECOATOAGIRSRPAOLHVLVPPE 121
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                                                                                                                                                                                                                                                                                                                           CARULLI, JOHN P.
LUKASHIN, ALEXANDER V.
KILBURN, DANIEL R.
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To. US20030211517A1
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No. US20030148382A1
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  6.6%;
23.8%;
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Score 136; DB 15;
Pred. No. 0.017;
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              Length 594;
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CURRENT APPLICATION NUMBER: US/10/052/586
CURRENT FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR PRIOR DATE: 1997-09-18
PRIOR PRIING DATE: 1997-09-18
PRIOR PRIING DATE: 1997-09-18
PRIOR PRIING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR APPLICATION NUMBER: 60/063121
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
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APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/063541 PRIOR FILING DATE: 1997-10-28
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APPLICANT:
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                                                                                                             APPLICATION NUMBER: 60/064103
FILING DATE: 1997-10-31
APPLICATION NUMBER: 60/065311
                                                                                                                                                                                                     APPLICATION NUMBER: 60/063734
FILING DATE: 1997-10-29
APPLICATION NUMBER: 60/063870
APPLICATION NUMBER: 60/066466
FILING DATE: 1997-11-24
                                                                    FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066120
                                                                                                                                                                                         FILING DATE: 1997-10-3;
                                                        FILING DATE:
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                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/063544
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/063540 FILING DATE: 1997-10-28
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OR APPLICATION NUMBER: 60/089315
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OR FILING DATE: 1997-12-17
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-10
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OR APPLICATION NUMBER: 60/08349
OR APPLICATION NUMBER: 60/084414
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NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 584
; LENGTH: 708
; TYPE: PRT
; ORGANLEM: Homo Sapien
US-10-174-590-584
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US-10-174-590-584
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CURRENT APPLICATION NUMBER: US/10/174,590
CURRENT FILING DATE: 2002-06-18
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GTPGSVESTLTLTPFSHDDGATFVCRARSQALPTGRDTAITLSLQYPPEVT
                                --PSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 216
                                                                  APQVLGG---PSVSLVA--GVPANLTCRSRGDARPTPELLWFRDGVLLDGATFHQTLLKE
                                                                                                                                         ---DLPGWSRYWISGNAANGQHDLHIRPVELEDEASYECQATQAGLRSRPAQLHVLVPPE 124
                                                                                                                                                                             ITNDRFTSQRYDQGGNFTS---EMIJHNVEPSDSGNIRCSLQNSRLHG-SAYLTV----
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Gurney, Austin L.
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23.8%; Pred. No. 0.021;
ative 40; Mismatches 106; Indels 3
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Search completed: February 22, 2005, 19:55:31
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US-10-176-758-584
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CURRENT FILING DATE: 2002-06-21
Prior Application removed - See File Wrapp
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 584
LENGTH: 708
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Publication No. US20030008353A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
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Best Local Similarity
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ilarity 23.8%;
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Pred. No. 0.021;
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Listing first 45 summaries
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Maximum DB
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Perfect score:
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2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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US-09-651-200-6
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Best Local S
Matches 85
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APPLICANT: Yan, Shi Du
TITLE OF INVENTION: TRANSGENIC MICE OVER-EXPRESSING RECEPTOR FOR ADVANCED
TITLE OF INVENTION: GLYCATION ENDPRODUCT (RAGE) AND MUTANT APP IN BRAIN AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 0575/62175
CURRENT APPLICATION NUMBER: US/09/638,649
CURRENT FILING DATE: 2000-08-14
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 404
TYPE: PAT
ORGANISM: Human
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APPLICANT: Stern, David M.
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                                                     CRCCFCCRRKRGFRIQFOKKSEKEKT---NKETETESGNENSGYNSDEQKTTDTASLPPKS
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Sequence 1025, Application US/09949016

Patent No. 6812339

GENERAL INCOMPATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: MITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR APPLICATION NUMBER: 60-08

**NUMBER OF SED ID NOS: 207012
                   ; Sequence 3, Application US/09638648
; Patent NO. 6825164
; GENERAL INFORMATION:
; APPLICANT: Scern, David M.
; APPLICANT: Schnidt, Ann Marie
; APPLICANT: Sannidt, Ann Marie
; APPLICANT: Zlokovic, Berislav
; TITLE OF INVENTION: A METHOD TO INC
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 11025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 7.2%;
Best Local Similarity 22.6%;
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-09-949-016-11025
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 YFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINI 222
Zlokovic, Berislav
VENTION: A METHOD TO INCREASE CEREBRAL BLOOD FLOW
                                                                                                                                                                                                                                           -QSEEPEAGESSTGGP 404
                                                                                                                                                                                                                                                                                                                                                                                                             PGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCCCCRRRCCGCNCC 275
                                                                                                                                                                                                                                                                                                                                                                                                                                                -GVPLPLPPSPVLILPEIGPODOGTYSCVATHSSHGPQESRAVSISIIE-PGEEG-----
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                                                                                                                                                                                                                                                                                                             ORRGEERKAPENQEEEEERAELN-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 404;
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Sequence 4, Application US/08755235

Patent No. 6790443

GENERAL INFORMATION:
APPLICANT: Stern, David M.
APPLICANT: Stern, David M.
APPLICANT: Stern, David M.
APPLICANT: Stern, David M.
ITILE OF INVENTION: METHOD FOR TREATING SYMPTOMS OF DIABETES
FILE REFERENCE: 0575/50159

CURRENT APPLICATION NUMBER: US/08/755,235

CURRENT APPLICATION NUMBER: US/08/755,235

CURRENT APPLICATION NUMBER: US/08/755,235

CURRENT APPLICATION NUMBER: US/08/755,235

CURRENT FILING DATE: 1996-11-22

NUMBER OF SEQ ID NOS: 4

SOFTWARE: PatentIn version 3.1

SEQ ID NO 4

LENGTH: 405

TYPE: PRT
CRGANISM: Human

US-08-755-235-4
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; FILE REFERENCE: 0575/62097
; CURRENT APPLICATION NUMBER: US/09/638,648
; CURRENT FILING DATE: 2000-08-14
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 404
; TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-755-235-4
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Best Local Similarity 22.6%; Pred. No. 8.1e-05;
Matches 85; Conservative 40; Mismatches 114
                                                                                                                      Local
                                        15 EVIEGPQNATVLKGSQARENCTVSQG---WKLIMWALSDMVVLSVRPMEPIITNDRETS- 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               367
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                                                                                                               Similarity
EIVDSASELTA--GVPNKVGTCVSEGSYPAGTLSWHLDG-----KPLVPNEKGVSV 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKTTDTASLPPKS 333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVSISIIE-PGEEG-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CESSDPEQRNSSCGPP 349
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                                                                                    6.9%; Score 142; DB 4; ilarity 22.8%; Pred. No. 0.00025; Conservative 40; Mismatches 113
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                                                                                                                          Length 405;
                                                                                  Indels 138;
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RESULT 5
US-08-977-767-3
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US-08-977-767-3
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                                                                                                                                                                                                        FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Bandman
APPLICANT: Yue, H
                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FASTSEQ for Windows Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/977,767 FILING DATE: Herewith CLASSIFICATION: 424 PRIOR APPLICATION NUMBER: APPLICATION NUMBER:
             IMMEDIATE SOURCE:
LIBRARY: GenBa
CLONE: 1532042
                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 1345 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Yue, Henry
APPLICANT: Greenwald, Sara
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: CARBONIC ANHYDRASE VIII
NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM COMPONENTING SYSTEM:
                                                                    STRANDEDNESS:
TOPOLOGY: 1i
                                                                                                        TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
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                                  GenBank
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US-09-041-886-25
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Best Local Similarity
Matches 37; Conserv
                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: :
SEQUENCE CHARACTERISTICS:
LENGTH: 1447 amino acid:
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bredesen, Dale E.
APPLICANT: Rabizadeh, Sharroz
TITLE OF INVENTION: Proapoptotic Peptides, Dependence
TITLE OF INVENTION: Polypeptides and Methods of Use
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: line
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                          Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: San Diego
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                     169
                                                                                                                                   279
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                                                                                             110 YLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEP 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                242 VGLGLAGTMLLT-PTCTLTIRCCCCRRRCCGCNCCCRC-----CFCC 282
                                                                                                                                                                    52 VVLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRC--SLQNSRLHGSA 109
                                                                                                                                                                                                                                                10 SGSGNEV------IEGPQNATVLKGSQARFNCTVSQGW--KLIMWALSDM 51
                                                                                                                                                                                                                                                                                    60;
SDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSS
                                                         ELTVLVPPWFLNHPSNLYAYESMDIEFECTVS-GKPVPTVNWMKNGDVVIPSDYFQIVGG 382
                                                                                                                                   VI-----QLRSKKYSILGG--SNLLISNVTDDDSGMYTCVVTYKNENISASA
                                                                                                                                                                                                          SRTGNEAEVRILSDPGLHRQLYFLQRPSNVVAIEGKDAVLECCVS-GYPPPSFTWLRGEE 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CGTGAAGAGGGTCCTCTATGACCCCTTCCTGCCCCCTCTGAGACTCAGCACC 507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGI----NIPGVLSSLPSLGFSLPTWGK 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09041886
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4370 La Jolla Village Drive, Suite
                                                                                                                                                                                                                                                                                                                                                                                                                                         1447 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            United States
                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (619) 535-9001
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33.0%;
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                                                                                                                                                                                                                                                                                                        Score 128; DB 3
Pred. No. 0.026;
                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                       DB 3; Length 1447;
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                                                                                                                                                                                                                                                                                      Indels 50;
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RESULT 7

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PCT-US94-05277-2
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Best Local Similarity
Matches 60; Conserv
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GENERAL INFORMATION:
APPLICANT: Bruskin, Arthur
APPLICANT: Jarosz, David E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 202.508.9299
TELEX: 197430 BBMB UT
TELEX: 197430 BBMB UT
SEQUENCE CHARACTERISTICS:
LENGTH: 1447 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202.508.9100
TELEFAX: 202.508.9299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05277
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Johnson, Karen
APPLICANT: Kinzler Kenneth W.
APPLICANT: Vogelstein, Bert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                     229 LP
                                                                                                                            324 ELTVLVPPWFLNHPSNLYAYESMDIEFECTVS-GKPVPTVNWMKNGDVVIPSDYFQIVGG 382
                                                                                                                                                             110 XLIAGAWGETEIDSAMTAAYENEDCEALCTBSHMIKTbDISM-ETGTTASHSSÄXEADED 198
                                                                                                                                                                                                                                 52 VVLSVRÞMEÐIITNDRFTSQRYDQGGNFTSEMIHNVEÐSDSGNIRC--SLONSRLHGSA 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       229 LP
                                                          SNLR----ILGVVKSDEGFYQCVAENEAGNAQTSAQLIVPKPAIPSSS--
                                                                                         SDLQSAVSILALTEQSNGTLTCVATWKSLKARKSATVNLTVIRCEQDTGGGINIEGVLSS 228
                                                                                                                                                                                                   VI------QLRSKKYSLLGG--SNLLISNVTDDDSGMYTCVVTYKNENISASA
                                                                                                                                                                                                                                                                         SRTGNEAEVRILSDPGLHRQLYFLQRÞSNVVAIEGKDAVLECCVS-GYPPPSFTWLRGEE
                                                                                                                                                                                                                                                                                                         SGSGNEV-----TEGPQNATVLKGSQARFNCTVSQGW--KLIMWALSDM
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                                     230
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1001 G Street, N.W.
                                                                                                                                                                                                                                                                                                                                                        Conservative
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Zabrecky, James R.
VENTION: Antibodies Specific for DCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                             protein
                                                                                                                                                                                                                                                                                                                                               6.2%; Score 128; DB 5; Location 24.8%; Pred. No. 0.026; Live 33; Mismatches 99;
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                                                                                                                                                                                                                                                                                                                                                                                   Length 1447;
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                                                            ----VLPS
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US-08-374-834-16
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APPLICANT: Mutter, George
APPLICANT: Baak, Jan
TITLE OF INVENTION: Prognostic Classification of
FILE REFERENCE: B0801/7224 (JRV)
CURRENT APPLICATION NUMBER: US/99/917,254
CURRENT FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: US 60/222,093
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 102
SOPTWARE: PatentIn version 3.0
SEQ ID NO 92
INNOVER: PatentIn version 3.0
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                                                                                                               Sequence 16, Application US/08374834
Patent No. 5656473
GENERAL INFORMATION:
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Patent No. 6703204
                                               CORRESPONDENCE ADDRESS:
                                                                  TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                             APPLICANT: Valenzuela, et al.
TITLE OF INVENTION: NOVEL TYROSINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 1953
TYPE: PRT
STREET:
CITY: 7
   ADDRESSEE: Regeneron Pharmaceuticals, Inc
STREET: 777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6.2%;
Local Similarity 20.3%;
es 86; Conservation
                                                                                                                                                                                                                                                                                                       376 VLQKTSSSITLQAARVQ---PEPRAPGLGVLSPSGEERKRPAPPRPATFPTRQPGLGSQD 432
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 207 LTVIRCPQDTGGGI-----NIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLTPTCTLTIR
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Tarrytown
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                                                                                                                                                                                                                                                                                                                                     DEQKTTDTASLPPKSCESSDPEQRNSSCGPPHQRADQR----PPRPASHPQASFNLASPE 374
                                                                                                                                                                                                                                                                                                                                                                           -----EAAAKSKNCSSPORGGSPPWAANSQPQPP-RESKLESCKDSPRTAPQTP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RGTFSLVÍHAVHEEDRGKYTCEATNG--SGARQVTVELTVEGSFAKQLGQPVVSKTLGDR 182
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Pred. No. 0.039;
                                                                           KINASE RECEPTOR
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RESULT 10
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Sequence 29, Application US/08644271
Patent NO. 5814478
GENERAL INFORMATION:
APPLICANT: Valenzuela, et al.
TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS
TITLE OF INVENTION: AND LIGANDS
NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 86; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: REG 190A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 345-7400
TELEFAX: (914) 345-7721
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 869 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION UNABER: US 08/095,658
PILLING DATE: 21-JUL-1993
ATTORNEY/AGENT INFORMATION:
ANNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Cobert, Robert J.
REGISTRATION NUMBER: 36,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 10591
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                                                                                                                                                                                                                                445
                                                                                                                                                                                                                                                                  324 TDTASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHPQASFNLA 371
                                                                                                                                                                                                                                                                                                            389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       224 TFGSFVTLHCTATGIP-----VPTITWIENGNAVSSGSIQESVKDRVIDSRLQLFITKP-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               74
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                                                                                                                                                                                                                                                                                                            TPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEMHLLSVPECSKLPSMHWDP
                                                                                                                                                                                                                                                                                                                                                ----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT 323
                                                                                                                                                                                                                                                                                                                                                                                        FLNTSYADPEEAQELLVHTAWNEL-----KVVSPVCRPAAEALLCNHIFQECSPGVVP
                                                                                                                                                                                                                                                                                                                                                                                                                                SLGFSL-----PTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      --GLYTCIATNKHGEKFSTAKAAATISIAEWSKPOKDNKGYCAOYRGEVCNAVLAKDALV 335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SNGTLTCVAT----WKSLKARKSATVNLTVIRCPODTGGG-----INIPGVLSSLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             P-----CEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQ 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DOGGNFTSEMITHNVEPSDSGNIRCSLONSRLHGSAY-LTVQVMGELFIPSVNLVVAENE 132
                                                                                                                                                                                                                            TACARLP-----HLDYNKENLKTFPP--MTSSKPSVDIPNLPSSSSSSFSVS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -----SGSLRIHNVQKEDAGQYRCVAKNSL--GTAYSKVVKLEVEVFARILRAPESHNV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6.1%; Score 126.5; DB 1; 20.9%; Pred. No. 0.017;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Cobert, Robert J
REGISTRATION NUMBER: 36,108
REFERENCE/DOCKET NUMBER: RE
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-345-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DART: USSN 60/008,657
PILLING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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STRANDEDNESS:
TOPOLOGY: un
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
ZIP: 105
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                                                                              389
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                                                                                                                   274
                                                                                                                                                                                                                                      278 --GLYTCIATNKHGEKFSTAKAAATISIAEWSKPQKDNKGYCAQYRGEVCNAVLAKDALV
                                                                                                                                                                                                                                                                         184 SNGTLTCVAT----WKSLKARKSATVNLTVIRCPOTTGGG-----INIPGVLSSLP
                                                                                                                                                                                                                                                                                                                                                                                           172 -----SGSLRIHNVQKEDAGQYRCVAKNSL--GTAYSKVVKLEVEVFARILRAPESHNV
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                                                                                                                                                                                                                                                                                                                                                                                                                    15 EVIEGPQNATVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRPMEPIITNDRFTSQRY
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                                     TDTASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHPQASFNLA 371
                                                                            TPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEMHLLSVPECSKLPSMHWDP
                                                                                                               ----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT 323
                                                                                                                                                      FLNTSYADPEEAQELLVHTAWNEL-----KVVSPVCRPAAEALLCNHIFQECSPGVVP
TACARLP-----HLDYNKENLKTFPP--MTSSKPSVDIPNLPSSSSSSFSVS 489
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223

132

273 335 230 277

US-09-077-955-33; Sequence 33, Application US/09077955A; Patent No. 6413740

RESULT 11

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APPLICANT: Valenzuela et al., David M.
TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS AND LIGANDS
FILE REFERENCE: REG195-B-PCT-US
CURRENT APPLICATION NUMBER: US/09/077,955A
CURRENT FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: PCT/US96/20696
EARLIER FILING DATE: 1996-12-13
EARLIER FILING DATE: 1996-12-13
EARLIER FILING DATE: 1996-12-11
EARLIER FILING DATE: 1996-12-15
EARLIER FILING DATE: 1996-12-15
EARLIER FILING DATE: 1995-12-15
NUMBER: OF SEG ID NOS: 36
SOFTWARE: Patentin Ver. 2.0
SEG ID NO 33
LEENGTH: 869
TYPE: PRT
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US-09-715-249-8
SOFTWARE:
SEQ ID NO E
LENGTH: E
                             PRIOR APPLICATION NUMBER: us 60/
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: us 09/
PRIOR FILING DATE: 2000-03-30
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                            Sequence 8, Application US/09715249
Patent No. 6790614
                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                         FILE REFERENCE: 4-31192
CURRENT APPLICATION NUMBER: US/09/715,249
CURRENT FILING DATE: 2000-11-17
                                                                                                                                                                                           APPLICANT: PIPPIG, SUSANNE TITLE OF INVENTION: select
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APPLICANT:
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   ) NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                    324 TDTASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHPQASFNLA 371
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT 323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      --GLYTCIÁTNKHGEKFSTÁKAAÁTISIAEWSKÞÓKDNKGYCAQYRGEVCNAVLAKDAĹV
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                                                                                                                                                                                                                                    VERES, GABOR
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                                                             ້ວ000-03-30
                                                                                                    MBER: us 60/166594
1999-11-19
                                                                                                                                                                                     selectable cell surface marker
                                                                                                                               2000-11-17
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AVABITZSCHMAR, JOERN

APPLICANT: KREFT, BERTHOLT

APPLICANT: WINTERHAGER, ELKE

APPLICANT: SCOTTI, SIMONE

TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOWETRIOSIS

CURRENT APPLICATION NUMBER: US/09/961,403

CURRENT FILING DATE: 2001-09-25

SOFTWARE: Patentin Ver. 2.1

LENGTH: 1070

TYPE: PRT
RESULT 14
US-09-062-365-1
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Patent No. 6780594
GENERAL INFORMATION:
APPLICANT: HB-STUMPP, HOLGER
APPLICANT: HAENDLER, BERNARD
APPLICANT: KRETTSCHAR, JOERN
APPLICANT: KRETT, BERTHOLT
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Best Local S
Matches 58
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; ORGANISM: MuSK
US-09-715-249-8
                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
                                                                388
                                                                                 187 TLTCVATWKSLKARKSATVNLTV-----IRCPODTGGGINIPGVLSSL 229
                                                                                                                              338
                                                                                                                                                                             283 ----NGSLLLTQVRPRNAGIYRCIGQGQRGPPIILEATLHLABIEDMPLPEPRVFTAGS 337
                                                                                                                                                                                                                                           227 VVLAPODVVVARYEEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATVFA----
                                                                                                                                                                                                                                                                         16 VIEGPQNATVLKGSQARFNCTVS-QGWKLIMWALSDMVVLSVRPMEPIITNDRFTSQRYD 74
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                                                                                                                                                                                                                                                                                                                      58;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15 EVIEGPONATVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRPMEPIITNDRFTSQRY 73
                                                   VYTCHAA--NLAGQRRQDVNITVATVPSWLKKPQDSQLEEGKPGYLDCL
                                                                                                                                                                                                                                                                                                                                     Similarity
                                                                                                                EE---RVTCLPPKGLPEPSVWWEHAGVRLPTHGRVY-----QKGHELVLANIAESDAG
                                                                                                                                               ENEPCEVTCLPSHWTRLPDISWE-LGL-LVSHSSYYFVPEPSDLQSAVSILALTPQSN-G
                                                                                                                                                                                                            QGGNFTSEMIIHNVEPSDSGNIRCSLQNSR-----LHGSAYLTVQVMGELFIPSVNLVVA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               --GLYTCIATNKHGEKFSTAKAAATISIAEWSKPOKDNKG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    P-----CEVTCTPSHWIRTPDISM-ETGTTASHSAXALABBOTOSWASITATIBO
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                                                                                                                                                                                                                                                                                                                    32;
                                                                                                                                                                                                                                                                                                          Score 124; DB 4; Length 1070;
Pred. No. 0.038;
2; Mismatches 103; Indels 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        93;
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                                                                                                                                                                                                                                                                                                             36;
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Sequence 1, Application US/09062365

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GENERAL INCORMATION:
GENERAL INCORMATION:
APPLICANT: Schmidt, Ann Marie
APPLICANT: Stern, David
TITLE OF INVENTION: METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN A
TITLE OF INVENTION: SUBJECT
FILE REFERENCE: 55424
CURRENT APPLICATION NUMBER: US/09/062,365
CURRENT FILING DATE: 1998-04-17
NUMBER OF SEQ'ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 332
TYPE: PRT
ORGANISM: Human
US-09-062-365-1
                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: Green et al

TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B

TITLE OF INVENTION: Lymphocyte Accivation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Sencoded Thereby

FILE REFERENCE: 15966-562 (CURA-62)

CURRENT APPLICATION NUMBER: US/09/551,200

CURRENT FILING DATE: 2000-08-30

PRIOR APPLICATION NUMBER: 60/152383

PRIOR APPLICATION NUMBER: 60/172909

PRIOR FILING DATE: 1999-12-21

PRIOR APPLICATION NUMBER: 60/183578

PRIOR FILING DATE: 2000-02-18

NUMBER: 00-02-18
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                                                                                                                                      ; TYPE: PRT ; ORGANISM: Homo sapiens US-09-651-200-2
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                                                                                                                                                                                                    SOFTWARE: Pal
SEQ ID NO 2
LENGTH: 340
                                             Best Local Similarity Matches 77; Conserv
                                                                   Query Match
Best Local 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09651200 Patent No. 6429303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 6.0%; Score 123.5; DB 4; Best Local Similarity 24.1%; Pred. No. 0.0085; Matches 65; Conservative 33; Mismatches 89;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6465422
                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      163 YFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    209 EPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWMKD-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               121 IP----SVNLVVAENEP------CEVTCLPSHWTRLPDISWELGLLVSHSSY 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             152 KEQTRRHPETGLFTLQSELM---VTPARGGDPRPTFSCSFSPGLPRHRALRTAPIQPRVW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      103 EIVDSASELTA--GVPNKVGTCVSEGSYPAGTLSWHLDG------KPLVPNEKGVSV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        71 ---- QRYDQGGNFT--SEMIIHNVEPSDSGNIR---- CSLQNSRLHGSAYLTVQVMGELF 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15 EVIEGPQNATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMEPIITNDRFTS-
10 SGSGNEVIEGPQNATV-LKGSQARFNCTVS--QGWKL----IMWALSDMVVLSVRPMEPI
                                                                                                                                                                                                                                                    PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -----PTAGSVGGSGLGTLAL 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PGVLSSLPSLGFSLPTWGKVGLGLAGTMLL 252
                                           5.9%; Score 122.5; DB 4; ilarity 21.2%; Pred. No. 0.011; Conservative 50; Mismatches 128;
                                                                5.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 332;
                                             Indels 109;
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                                             Gaps
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337 SDPE 340
                                          289 ALAFVCWRK---
                                                                                                                           256 HGSVTITGOPMTFPPEAL----WVTVGLSVCLIALLV--------------
                                                                                                                                                                      217 GGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCNCCC
                                                                                                                                                                                                                   214 VTTSQMANEQGLFDVHSVLRVVLGANGTYSC----
                                                                                                                                                                                                                                                            160 SSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP---QDT
                                                                                                                                                                                                                                                                                                       156 AAVSLQVAAPYSKPSMTLEPNKDLRPGDTVTITC--SSYRGYPEAEVFWQDGQGVPLTGN
                                                                                                                                                                                                                                                                                                                                               109 AYLTVQVMGELFIPSVNLV----VAENEPCEVTCLPSHWTRLP--DISWELGL---LVSH 159
                                                                                                                                                                                                                                                                                                                                                                                        101 ---HSFTEGR-DQGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTCFV-SIRDFGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             48 SPTGAVEVQVPEDPVVALVGTDATLHCSFSPEPGFSLTQLNLIWQLTDTKQLV-----
                                                                                                                                                                                                                                                                                                                                                                                                                                     63 ITNDRFTSQRYDQGGNF------TSEMITHNVEPSDSGNIRCSLQNSRLHGS 108
                                                                                 RCCFCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKTTDTASLPPKSCES
                                          - IKQSCEEENAGAEDQDG------EGEGSKTALQPLKHSDS
                                                                                                                                                                                                                   --LVRNPVLQQDA 255
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Search completed: February 22, 2005, 19:36:00 Job time : 20.8683 secs

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Minimum DB
Maximum DB
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         Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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      seq length: 0 seq length: 2000000000
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1168
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| Cogn2_6/ptodata/1/ina/5A_COMB:seq:*
| Cogn2_6/ptodata/1/ina/5B_COMB.seq:*
| Cogn2_6/ptodata/1/ina/6A_COMB:seq:*
| Cogn2_6/ptodata/1/ina/6B_COMB:seq:*
| Cogn2_6/ptodata/1/ina/6B_COMB:seq:*
| Cogn2_6/ptodata/1/ina/backfīles1.seq:*
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US-09-253-691-3
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US-09-270-767-12780
US-08-531-9278-3
US-08-997-685A-1
US-08-997-685A-1
US-09-270-767-14129
US-09-270-767-12050
US-09-491-356C-14
US-09-491-356C-16
US-09-491-356C-17
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US-09-491-356C-18
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Sequence 3, Appli sequence 12780, A sequence 20, Appli sequence 1, Appli sequence 1429, A sequence 14129, A sequence 13, Appli sequence 14, Appli sequence 14, Appli sequence 17, Appli sequence 18, Appli sequence 1, Appli sequence 16525, Appli sequence 16925, Sequence 16525, Appli sequence 16512, Appli sequence 16512, Appli sequence 11471, Appli sequence 11475, Appli sequence 11475, Appli sequence 13471, Appli sequence 13471, Appli sequence 13471, Appli sequence 13471, Appli sequence 13475, Appli sequence 3155, 
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B Q B Q B Q 7 7 7 7 7 7 7 7 7 7 7 7 7 7	US- US- US- US- US- US-		a aaaaaaa aaa
Matches 8 Matches 801 200 140 921	RESULT 1 US-09-253-691 Sequence 3, Patent No. GENERAL INF APPLICANT: TITLE OF I TITLE OF I TITLE OF I FILE REFERT CURRENT FI EARLIER FI EARLIER FI INUMBER OF SOFTWARE: SEQ ID NO 3 SEQ ID NO 3 LENGTH: 3 TYPE: DNA TYPE: DNA ORGANISM: US-09-253-691		00000000000000000000000000000000000000
801 801 200 861 140 921	000.000 manazho 0		44444444444444444444444444444444444444
Similarity 9; Conserva GCTGCTGCTGC           GCTGCTGCTGCTGC          GCTGTTGAAGA       GCTGTTGCTGC GCTGTTGCTGC GCTGTTGCTGC CAACAAGAA   AACTTAAAAGA			
58. 58. Vative GCTGCC GCTGCT GCTGCT GCTGCT GAAAAA  GAATAA	. 6868 16 C		6558 1776 11037 11037 11471 2940 3292 3292 3292 3292 3292 3292 3292 329
GCT GCT	09253  Stic Trinu  1 US/ 1: KR		4204441144044446
imilarity 58.9%; Pred. No. 2.88-05; Conservative 0; Mismatches 62; Indels 0; Gaps GCTGCTGCTGCTGCCGCCGTCGTTGTTGTGCTGCAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGC	Method and Kit for icleotide Repeats Si (09/253,691) 98-6,278	ALIGNMENTS	US-09-491-356C-7 US-08-531-927B-1 US-09-041-886-12 US-09-181-585-3 US-09-181-585-2 US-09-248-796A-5139 US-07-814-964-12 US-08-258-442-12 US-08-258-442-12 US-08-328-809-7 US-08-328-809-7 US-08-328-809-7 US-08-328-86-849-7 US-08-328-86-99-7 US-08-328-86-99-7 US-08-328-86-99-7 US-09-248-796A-9300 US-09-248-796A-9301 US-09-248-796A-9301 US-09-248-796A-9301 US-09-475-515-45 US-09-475-515-45 US-09-475-515-45 US-09-475-515-45 US-09-475-515-45
Indels 0; Gaps 0 TGCTGCCGTTGTTGTTTCT 860                      TGCTGCTGCTGCTGCT 141 TGCTGCTGCAAAAAGAGAAGA 920                        AAATCTGAAAAAAAAAAA 81 AAGTATATTTAAAAAACAA 81	syc		Sequence 7, Appli Sequence 12, Appli Sequence 3, Appli Sequence 3, Appli Sequence 2, Appli Sequence 21, Appli Sequence 12, Appli Sequence 12, Appli Sequence 7, Appli Sequence 7, Appli Sequence 12, Appli Sequence 9300, Ap Sequence 49, Appli Sequence 47, Appli Sequence 48, Appli Sequence 48, Appli Sequence 46, Appli

RESULT 2
US-09-270-767-12780/c
US-09-270-767-12780/c
; Sequence 12780, Application US/09270767
; Patent No. 6703491
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0

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RESULT 4
US-08-531-927B-3/c
US-08-531-927B-3/c
; Sequence 3, Application US/08531927B
; Patent No. 5840491
; GENERAL INFORMATION:
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                                                                                                        APPLICANT: Kakizuka
TITLE OF INVENTION:
Patent No. 5840491
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Best Local Similarity 62.3%;
Matches 76; Conservative
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-12780
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lubahn, Dennis
TITLE OF INVENTION: ANDROGEN RECEPTOR PROTEINS RECOMBINANT DNA MOLECULES AND CODING
TITLE OF INVENTION: AND USE OF SUCH COMPOSITIONS
FILE REFERENCE: 5470.130DV
CURRENT FILING DATE: 2000-02-03
CURRENT FILING DATE: 2000-02-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: French, Frank
APPLICANT: Wilson, Elizabeth
APPLICANT: Joseph, David
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Best Local Similarity 84.1%;
Matches 58; Conservative
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LENGTH: 1918
                 TITLE OF INVENTION: Disease Gene and Uses Thereof NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, PSTREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Rattus rattus
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TYPE: DNA
STREET: 1 Lexington
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Massachusetts
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                                                                                                                                  Kakizuka, Akira
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                                                                                                         DNA Sequence Encoding the Machado-Joseph
                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 48.4; DB 4; Length 4288; Pred. No. 0.0015; 0; Mismatches 46; Indels 0
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                                  Smith & Reynolds, P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 51.4; DB 4;
Pred. No. 0.00011;
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US-08-997-685A-1
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Patent No. 6551821
GENERAL INFORMATION:
APPLICANT: The Trustees of Columbia University
APPLICANT: Kandel, Eric
TITLE OF INVENTION: Brain Cyclic Nucleotide Gated Ion Channel and Uses Thereof
FILE REFERENCE: 0575/54806
CURRENT APPLICATION NUMBER: US/08/997,685A
CURRENT FILING DATE: 1997-12-12
NUMBER OF SEQ ID NOS: 60
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.1 SEQ ID NO 1
                                                                                                                                    LENGTH: 2733
TYPE: DNA
ORGANISM: mouse
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Best Local Similarity
Matches 100; Conserv
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LENGTH: 325 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO:
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FILING DATE: 21-SEP-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP H6

FILING DATE: 21-SEP-1994

ATTORNEY AGENT INFORMATION:
NAME: Granahan, Patricia

REGISTRATION NUMBER: 32,22

REFERENCE/DOCKET NUMBER: A
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NAME/KEY:
LOCATION:
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LOCATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ZIP: 02173-4
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57.8%;
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; Pred. No. 0.00031;
vigmatches 70;
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4.1%; 75.6%;

Score 47.6; DB 4; Pred. No. 0.0019;

Length 2733;

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RESULT 7

US-09-270-767-14129/c

Sequence 14129, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILLING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14129
LENGTH: 4773
TYPE: DNA
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Pateintin Ver. 2.0
; SEQ ID NO 3023 / SEQ ID NO 3023 / TYPE: DNA
; ORGANISM: Drdsophila melanogaster
US-09-270-767-30337
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US-09-270-767-30237/c
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Best Local S
Matches 56
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Best Local Similarity
Matches 56; Conserv
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llarity 77.8%;
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Pred. No. 0.0036;
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                                                                                                                                                                                                                                                                                        APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Ginis, Lynn
APPLICANT: Delisi, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.6(USI1
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
TENCHUM 253
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APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 12050

LENGTH: 1532

TYPE: DNA

TYPE: DNA
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Matches
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Patent No. 6703491
GENERAL INFORMATION:
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                                                                                                                                                                                  Query Match
                                                                                                                                                                     Best Local Similarity
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                                                                                                                                                                                                                                                             LENGTH: 253
TYPE: DNA
                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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                                                                                                            801 GCTGCTGCTGCCGCCGTCGTTGTTGTGCGCTACTGCTGCTGCCGTTGTTGTTTCT
                                   861 GCTG 864
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 GCTG 95
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Pred. No.
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Pred. No. 0.0028;
                                                                                                                                                 Mismatches
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APPLICANT: Philbert, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Delisi, Lynn

ITITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REFERENCE: 9465.6USI1

CURRENT APPLICATION NUMBER: US/09/491,356C

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR FILING DATE: 1999-04-29

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR FILING DATE: 1998-04-29

NUMBER: OF SEQ ID NOS: 24

SOFTWARE: Patentin version 3.1

LENGTH: 265

TYPE: DNA
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; ORGANISM: Homo sapiens
US-09-491-356C-16
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                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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SEQ ID NO 16
LENGTH: 265
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APPLICANT: Philibert, Robert A.

APPLICANT: Philibert, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginis, Lynn

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR PRIOR DATE: 1999-04-29

RUMBER OF SEC ID NOS: 24

SOFTWARER: BECOLID SEC 14
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Best Local Similarity 81.2%;
Matches 52; Conservative
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                                                                    861 GCTG 864
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Pred. No. 0.0029;
0; Mismatches 12; Indels
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Pred. No. 0.0029;
0; Mismatches 12; Indels
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GENERAL INFORMATION:

APPLICANT: Philibert, Robert A.

APPLICANT: Philibert, Robert A.

APPLICANT: Delisi, Edward I.

APPLICANT: Delisi, Lynn

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REFERENCE: 9465.6US11

CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT FILING DATE: 2000-01-26

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR FILING DATE: 1999-04-29

PRIOR FILING DATE: 1998-04-29

NUMBER OF SEQ ID NOS: 24

SOFTWARE: Patentin version 3.1

LENGTH: 265
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SEQ ID NO 18
LENGTH: 265
TYPE: DNA
ORGANISM: Homo sapiens
US-09-491-356C-18
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US-09-491-356C-18/c
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; ORGANISM: Homo sapiens
US-09-491-356C-17
                                                                                                                                                                                                                       Query Match
Best Local Similarity
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APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Ginns, Edward I.
APPLICANT: Delisi, Lynn
ITILE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
CURRENT PILLOR JATE: 1000-01-26
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 1099-04-29
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
PRIOR PRIO
                                                                                                                                                                                               Matches
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US-09-491-356C-17/c
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Best Local Similarity 81.2%;
Matches 52; Conservative
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861 GCTG 864
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                                                                                               801 GCTGCTGCTGCCGCCGCCGTCGTTGTTGTGGCTGCAACTGCTGCTGCCGGTTGTTGTTTCT 860
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                                            GCTG
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                                                                                                                                                                                  Score 44.8; DB 4
Pred. No. 0.0029;
0; Mismatches 1:
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Pred. No. 0.0029;
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98 GCTG 95

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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Delisi, Lynn
ITITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.6US11
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
VUMBER OF SEQ ID NOS: 24
SOPTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 6794
TYPE: DNA
ORGANISM: Homo sapiens
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; NAME/KEY: CDS
; LOCATION: (242)...(1261)
; OTHER INFORMATION: hTBP
US-09-324-258-1
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US-09-324-258-1/c
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Patent No. 6723517
GENERAL INFORMATION:
APPLICANT: Bamdad, Cynthia C.
TITLE OF INVENTION: THE USE OF SELF-ASSEMBLED MONOLAYERS TO TITLE OF INVENTION: PROBE THE STRUCTURE OF A TARGET MOLECULE FILE REFERENCE: M1015/7004/TJO
CURRENT APPLICATION NUMBER: US/09/324,258
CURRENT FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: US/09/324,766
PRIOR PREJICATION NUMBER: US/09/7,766
PRIOR PREJICATION NUMBER: US/09/7,766
PRIOR PRICE DATE: 1998-06-02
NUMBER OF SEQ ID NOS: 20
                                                                                                                                                        Query Match 3.8%;
Best Local Similarity 76.4%;
Matches 55; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 3.8%; Score 44.8; DB 4; Length 1876; Best Local Similarity 81.2%; Pred. No. 0.011; Matches 52; Conservative 0; Mismatches 12; Indels 0
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ORGANISM: Homo sapiens
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                                                                861 GCTGTAGAAGAA 872
                                                                                                 801 GCTGCTGCTGCCGCCGTCGTTGTTGTGGCTGCAACTGCTGCTGCTGCTGTTGTTTCT 860
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                                                                                                                                                     Score 44.8; DB 4; Length 6794; Pred. No. 0.025; O; Mismatches 17; Indels 0
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Search completed: February 25, 2005, 00:51:52 Job time: 213.845 secs

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Result
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Perfect score:
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Maximum Match 100%
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Maximum DB seq length: 2000000000
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1: /cgn2_6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/USO6_NEW PUB.seq:*

3: /cgn2_6/ptodata/1/pubpna/USO6_NEW PUB.seq:*

4: /cgn2_6/ptodata/1/pubpna/USO6_NEW PUB.seq:*

5: /cgn2_6/ptodata/1/pubpna/USO6_NEW PUB.seq:*

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9: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*

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14: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*

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17: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*

18: /cgn2_6/ptodata/1/pubpna/USO0_NEW_PUB.seq:*

19: /cgn2_6/ptodata/1/pubpna/USO0_NEW_PUB.seq:*

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17 US-10-424-599-16675

18 US-10-357-930-54485

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Sequence 1104, Ap
Sequence 3342, Ap
Sequence 16305, Ap
Sequence 4945, Ap
Sequence 16675, A
Sequence 54485, A
Sequence 1, Appli
Sequence 4, Appli
Sequence 1, Appli
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## ALIGNMENTS

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US-10-104-047-1104
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publication No. US20030236392A1
GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20030236392A1el full length cDNA
FILE REFERENCE: H1-A0105
                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1104
LENGTH: 2051
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                      Matches 1122; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PRIOR FILING DATE: NUMBER OF SEQ ID NOS: 4096
                        163
                                                                                                                                 202
                                                                                                                                                      43 CGGTTCTGGGTCTGGTAATGAAGTCATAGAAGGCCCCCAAAATGCCAAGAGTCCTGAAGGG
CAGTGACATGGTGGTGCTAAGCGTCAGGCCCATGGAGCCCATCATCACCAATGACCGCTT
                                                         CTCCCAGGCTCGCTTCAACTGCACCGTCTCCCAGGGCTGGAAGCTCATCATGTGGGCTCT
                                                                                  CTCCCAGGCTCGCTTCAACTGCACCGTCTCCCAGGGCTGGAAGCTCATCATGTGGGCTCT 162
                                                                                                                                CGGTTCTGGGTAATGAAGTCATAGAAGGCCCCCAGAATGCAACAGTCCTGAAGGG
                                                                                                                                                                                                                       95.9%; Score 1119.6; 99.6%; Pred. No. 0;
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RESULT 2
US-09-918-995-3342
IS-09-918-995-3342; Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
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FITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION UNDEER: US/09/918,995
FRICH APPLICATION NUMBER: US/09/918,995
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FEASTEEQ FOR WINDOWS Version 3.0
SEQ ID NO 3342
FINCTH: 474
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(474)
OTHER INFORMATION: n = A,T,C or G
US-09-918-995-3342
RESULT 3
US-09-864-761-16305
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Best Local Similarity 98.2%;
Matches 272; Conservative
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                                                                                   GCGGGCTGATCAACGTCCACCAGGCCAGCAAGTCATCCACAGGCTTCTTTAATCTCGC
                                                                                                                                                  CAAATCCTGTGAATCCAGTGATCCTGAACAAAGAAACAGTAGCTGTGGCCCTCCTCACCA 1071
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Pred. No. 1e-68;
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Sequence 16305, Application US/09864761

Retent No. US20020048763A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharron G.

APPLICANT: Hanzel, David R.

APPLICANT: Hanzel, David R.

APPLICANT: Hanzel, David R.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS EXON NUCLEIC ACID PROBES USEFUL FOR INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 09/632,366

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: BCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00666

FOR

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US-09-983-965-4945; Sequence 4945, Application US/09983965; Patent No. US20020137160A1
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Best Local :
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APPLICANT: Warren, Wesley C.
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Byatt, John C.
APPLICANT: Watchidagan, Nagappan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION OF INVENTION: MUSCLE AND FAT DEPOSITION
FILLE REFERENCE: 37-21(10297)C
CURRENT APPLICATION NUMBER: US/09/983,965
CURRENT FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 09/465,231
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 5912
SEQ ID NO 4945
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: MAP TO AF121782.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL =
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FILING DATE: 2000-06-30
APPLICATION NUMBER: US 09/774,203
FILING DATE: 2001-01-29
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APPLICATION NUMBER: US 60/234,687
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00670
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APPLICATION NUMBER: PCT/US01/00662
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APPLICATION NUMBER: PCT/US01/00665
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ilarity 96.6%;
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Pred. No. 2.2e-47;
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TYPE: DNA
ORDANISM: Bos taurus
ORDANISM: Bos taurus
OTHER INFORMATION: Clone ID:
US-09-983-965-4945
                                                                                                                          RESULT 6
US-10-357-930-54485
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US-10-424-599-16675/c
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; PEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_115063C.1
US-10-424-599-16675
Sequence 54485, Application US/10357930
Publication No. US20040259086A1
GENERAL INFORMATION:
APPLICANT: Schlegel. Robert
APPLICANT: Mondahan, John
APPLICANT: Mondahan, John
TITLE OF INVENTION: NOVEL GENES, COMPO-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 16675
LENGTH: 775
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Publication No. US20040031072A1
                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
Matches 165; Conserv
                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
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                                                                                                                                                                                                                          861 GCTGTAGAAGAAAAAGAGGATTTCGTATT
                                                                                                                                                                                                                                                                                          801 GCTGCTGCTGCCGCCGTCGTTGTTGTGGGCTGCAACTGCTGCTGCTGCTGTTGTTTCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               162 TCAGTGACATGGTGGTGCTAAGCGTCAGGGCCCATGGAGCCCATCATCACCCAATGACCGCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               186 CAGCCTGTGGATCCAGCAGTGAAATCATAGAGGGTCCCAAGAATGTCACAGCCCTGAAGG
                                                                                                                                                                                                                                                                    366 TCACTTCGGCAAGCTACCAAGAGGGCCGGAACT 398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          222 TCACCTCTCAGAGGTACGACCAGGGCGGGAACT 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           306 TGAGAGGCACAGTGGTGCTGAGCATGACACCTAATGAGACCATCATCACCAGTGACCGCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               246 GCTCGGAGGCTCGCTTCAACTGCACCATCTCGCAGGGCTGGAAGCTCGTCATGTGGGCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                102
                                                                                                                                                                                                                                                                                                                                       65;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    42 CCGGTTCTGGGTCTGGTAATGAAGTCATAGAAGGCCCCCAAAATGCAAGAGTCCTGAAGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GCTCCCAGGCTCGCTTCAACTGCACCGTCTCCCAGGGCTGGAAGCTCATCATGTGGGCTC
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73.0%;
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77.5%;
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                                                                                                                                                                                                                                                                                                                                      Score 50.6; DB 17
Pred. No. 0.00065;
0; Mismatches 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 136.2; DB
Pred. No. 2e-29;
0; Mismatches
                                                                                                                                                                                                                                 889
                                                                                                                                                                                                                                                                                                                                                                        DB 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ), Bad
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COMPOSITIONS, KITS,

AND METHODS FOR

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US-10-384-107-1/c
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PRIOR FILING DATE: 2000-02-17
PRIOR PRIOR APPLICATION NUMBER: 60/189,862
PRIOR APPLICATION NUMBER: 60/207,454
PRIOR ETLING DATE: 2000-03-16
PRIOR PRIOR DATE: 2000-05-09
PRIOR APPLICATION NUMBER: 60/211,314
PRIOR APPLICATION NUMBER: 60/219,007
PRIOR PILING DATE: 2000-06-09
PRIOR PRIOR PILING DATE: 2000-07-18
PRIOR PILING DATE: 2000-07-18
PRIOR PILING DATE: 2000-12-13
PRIOR PILING DATE: 2
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SOFTWARE: PatentIn version 3.1 SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: The Trustees of Columbia University
APPLICANT: Kandel, Eric R.
APPLICANT: Santoro, Bina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/10384107
Publication No. US20050003477A1
                                                                                 TITLE OF INVENTION: Pacemaker Channel Proteins and Uses Thereof FILE REFERENCE: 0575/54806-B CURRENT APPLICATION NUMBER: US/10/384,107 CURRENT FILING DATE: 2003-03-06 PRIOR APPLICATION NUMBER: 08/997,685 PRIOR FILING DATE: 1997-12-23
                                                         NUMBER OF SEQ ID NOS: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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Best Local :
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NAME/KEY: misc_feature

LOCATION: 28

OTHER INFORMATION: n = A,T,C or G
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                                                                                                                                                                                                                                                                                                                                                                      Siegelbaum, Steven
Tibbs, Gareth
Grant, Seth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CGAAACAAATTTAACCCCCCCCCCCTCCCCCC 348
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Santoro, Bina
Bartsch, Dusan
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51.7%;
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Pred. No. 0.0029;
0; Mismatches 102;
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US-10-008-739A-1/c
; Sequence 1, Application US/10008739A
; Publication No. US20020161194A1
; GENERAL INFORMATION:
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                 APPLICANT: Owen, Thomas A.
APPLICANT: Smock, Steven L.
TITLE OF INVENTION: The Canine Androgen Receptor
FILE REFERENCE: PC10893AGPR
CURRENT APPLICATION NUMBER: US/10/008,739A
CURRENT FILING DATE: 2002-04-15
                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-620-514-4/c
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CURRENT APPLICATION NUMBER: US/10/620,514
CURRENT FILING DATE: 2003-07-16
PRIOR APPLICATION NUMBER: US 60/396,501
PRIOR FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PATENTIN VERSION 3.2
LENGTH A 2002-07-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: mouse US-10-384-107-1
                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local
SOFTWARE: PatentIn
            CURRENT FILING DATE:
NUMBER OF SEQ ID NOS:
                                                                                                                                              APPLICANT:
                                                                                                                                                            APPLICANT: Pfizer Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:

APPLICANT: Attar, Ricardo M.
APPLICANT: Bol, David K.
APPLICANT: Gottardis, Marco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4,
Publication
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gottardis, Marco
APPLICANT: Mookhtiar, Kasim
APPLICANT: Mookhtiar, Kasim
APPLICANT: Rowley, Ronald B
APPLICANT: Ostrowski, Jacek
TITLE OF INVENTION: TRANSCENIC NON-HUMAN MAMMALS EXPRESSING A REPORTER NUCLEIC ACID
TITLE OF INVENTION: UNDER THE REGULATION OF ANDROGEN RESPONSE ELEMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Rattus norvegicus
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Lu, Bihong
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No. US20040068762A1
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Pred. No. 0.031;
0; Mismatches
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US-10-620-514-1
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PRIOR FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.2
SEQ ID NO 1
LENGTH: 11004
                                                                                                                                                       Sequence 122846, Application US/10425115 Publication No. US20040214272A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 73; Conserv
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Publication No. US20040068762A1
GENERAL INFORMATION:
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LENGTH: 3577
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APPLICANT: OSCITOWSKI, Jacek
TITLE OF INVENTION: TRANSGENIC NON-HUMAN MAMMALS EXPRESSING A REPORTER NUCLEIC ACID
TITLE OF INVENTION: UNDER THE REGULATION OF ANDROGEN RESPONSE BLEMENTS
FILE REFERENCE: DO287 NP
CURRENT APPLICATION NUMBER: US/10/620,514
CURRENT FILING DATE: 2003-07-16
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Best Local (
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APPLICANT: Bdl, David K.
APPLICANT: Gdttardis, Marco
APPLICANT: Mdokhtiar, Kasim
            APPLICANT: La ROBA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
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TYPE: DNA
ORGANISM: Canine
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                                                          and
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                                                       Other Molecules Associated
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RESULT 13
US-10-437-963-61590
US-10-437-963-61590, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
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US-10-424-599-10899/c
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                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 10899
LENGTH: 1097
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SEQ ID NO 122846
LENGTH: 542
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Best Local Similarity
                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53223)B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
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APPLICANT: Kovalic David K
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Zea mays
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Glycine
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Pred. No. 0.018;
0; Mismatches 111;
                                                                                                                                                                                                                                                                              Score 45; DB 17; Length 1097; Pred. No. 0.036;
                                                                                                                                                                                                                                                                 Mismatches
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NUMBER OF SEQ ID NOS: 58994
SOFTWARE: PatchtIn version 3.2
SEQ ID NO 1932
LENGTH: 616
TYPE: DNA
ORGANISM: Human
US-10-242-535A-1932
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US-10-242-535A-1932/c
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US-10-437-963-61590
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Best Local :
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Publication No. US20040013663A1
GENERAL INFORMATION:
APPLICANT: Chondrogene Inc.
APPLICANT: Liew, C.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/271, 955
PRIOR FILLING DATE: 2001-03-12
PRIOR FILLING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: US 60/271, 955
PRIOR FILLING DATE: 2001-03-12
PRIOR FILLING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: US 60/271, 955
PRIOR FILLING DATE: 2001-03-12
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PRIOR FILLING DATE: 2001-03-12
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Local Similarity 81.2%;

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Local Similarity 65.3%;
hes 66; Conservative
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GCTG 423
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Pred. No. 0.03;
0; Mismatches 12;
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APPLICANT: Chondrogene Inc.

APPLICANT: Liew, C.C.

TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
FILE REFERENCE: 4231/2002

CURRENT APPLICATION NUMBER: US/10/085,783A

CURRENT FILING DATE: 2002-02-28

PRIOR APPLICATION NUMBER: US 60/305,340

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR APPLICATION NUMBER: US 60/271,955

PRIOR PILING DATE: 2001-03-28

SOFTWARE: Patentin version 3.2

SOFTWARE: Patentin version 3.2

LENGTH: 616
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US-10-085-783A-1932/c
US-10-085-783A-1932/c
; Sequence 1932, Application US/10085783A
; Publication No. US20040037841A1
; GENERAL INFORMATION:
                                                                                                                                                                                                Query Match 3.8%;
Best Local Similarity 81.2%;
Matches 52; Conservative
                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Human
                                                                                     426 GCTG 423
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Pred. No. 0.03;
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Search completed: February 25, 2005, 06:16:02 Job time : 821.509 secs

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US-08-374-834-16
US-08-375-249-8
US-09-977-55-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 77; Conserv
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                                                                                                                                               LWQRR---
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115.5 5.5 478 5 PCT-US95-08493-15 115.5 5.5 860 5 PCT-US95-08493-19 115.5 5.5 860 5 PCT-US95-08493-13 115.5 5.5 860 5 PCT-US95-08493-13 115.5 5.5 946 5 PCT-US95-08493-13 115.5 5.5 946 5 PCT-US95-08493-13 115.5 5.5 34.4 US-09-700-397-4 115.5 5.5 34.4 US-09-651-200-20 113 5.4 316 4 US-09-651-200-20 113 5.4 316 4 US-09-651-24 112.5 5.4 316 4 US-09-910-1748-24 112.5 5.4 416 4 US-09-630-461-24 112.5 5.4 416 4 US-09-638-649-1 112.5 5.4 416 4 US-09-638-649-1 112.5 5.4 416 4 US-09-638-648-1 113.5 5.4 416 4 US-09-638-648-1 114.5 5.3 2732 4 US-09-066-436-30
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PCT US95 - 08493 - 15 PCT US95 - 08493 - 19 PCT US95 - 08493 - 21 PCT US95 - 08493 - 13 US - 09 - 700 - 397 - 3 US - 09 - 700 - 397 - 3 US - 09 - 651 - 200 - 20 US - 09 - 976 - 594 - 531 US - 09 - 976 - 594 - 531 US - 09 - 651 - 24 US - 09 -

## ALIGNMENTS

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GENERAL INFORMATION:
APPLICANT: Stern, David M.
APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Yan, Shi Du
ITILE OF INVENTION: TRANSGENIC MICE OVER-EXPRESSING RECEPTOR FOR ADVANCED
ITILE OF INVENTION: GLYCATION ENDPRODUCT (RAGE) AND MUTANT APP IN BRAIN AND
ITILE OF INVENTION: USES THEREOF
FILE REFERENCE: 0575/62175
CURRENT APPLICATION NUMBER: US/09/638,649
CURRENT APPLICATION NUMBER: US/09/638,649
CURRENT FILING DATE: 2000-08-14
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 404
TYPE: PRT
ORGANISM: Human
                                                                                                                                                          322 E-PGEEG------PTAGSVGGSGLGTLALALGILGGLGTAALLIGVI 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             326 KTTDTASLPPKSCESSDPEQRNSSCGPP 353
                                                                                                         268 CCRRRCCGCNCCCRCCFCCRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQ
                                                                                                                                                                                                                215 RCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7.0%; Score 145.5; DB 4; Length 404;
23.5%; Pred. No. 9.8e-05;
tive 34; Mismatches 94; Indels 123
                                                      QRRGEERKAPENQEEEEERAELN---
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RESULT 2 US-09-949-016-11025

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APPLICANT: Schmidt, Ann Marie
APPLICANT: Yan, Shi Du
APPLICANT: Zlokovic, Berislav
ITILE OF INVENTION: A METHOD TO INCREASE CEREBRAL BLOOD FLOW IN AMYLOID
ITILE OF INVENTION: ANGIOPATHY
FILE REFERENCE: 0575/62097
CURRENT APPLICATION NUMBER: US/09/638,648
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patenty-
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Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: MITH HUMAN DISEASE, METHODS OF DETECTION AND USES THER FILE REFERENCE: CLOOL307

FILE REFERENCE: CLOOL307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT PILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

PRIOR FILING DATE: 200
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23.5%; Pred. No. 9.8e-05;
vative 34; Mismatches 94;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sequence 4, Application US/08755235 | Patent No. 6790443 | GENERAL INFORMATION: | APPLICANT: Stern, David M. | APPLICANT: Schmidt, Ann Marie | APPLICANT: Wu, Jun | TITLE OF INVENTION: METHOD FOR TREATING SYMPTOMS OF | FILE REFERENCE: 0575/50159 | CURRENT FILING DATE: 1996-11-22 | CURRENT FILING DATE: 1996-11-22 | NUMBER: US/08/755,235 | CURRENT FILING DATE: 1996-11-22
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SOFTWARE: PatentIn versi
SEQ ID NO 4
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TYPE: PRT
ORGANISM: Human
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ORGANISM: Human
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Local Similarity 23.5%; Pred. No. 9.8e-05;
hes 77; Conservative 34; Mismatches 94
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                                                  ircpQDTGGGINIPGVL8SLBSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTTRC 266
                                                                                                                                                                       WELGLIVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKS-ATVNLTV 213
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                                                                                                                 WMKD------GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVVSISI
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389

321

154

US-09-949-016-11025

ORGANISM: Human LENGTH: 404

Matches Query Match

Local

US-09-638-648-3

SEQ ID NO 3 LENGTH: 404

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US-09-041-886-25
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Best Local S
Matches 62
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Patent No. 623587
                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: protein -09-041-886-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
ATTORIEY AGENT INFORMATION:
ATME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 26
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (619) 535-8949 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 1447 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Proapoptotic Peptides, Dependence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bredesen, Dale E. APPLICANT: Rabizadeh, Sharroz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                             319
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427
                                228
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                                                                                                                                                                               109 LHGSAYLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTWLPDISW-ELGLLVSHSSYY 167
                                                                                                                                                                                                                   274 LRGEEVI------QLRSKKYSLLGG--SNLLISNVTDDDSGMYTCVVTYKNEN 318
                                                                                                                                                                                                                                                                                          215 RNPASSRTGNEAEVRILSDPGLHRQLYFLQRPSNVVAIEGKDAVLECCVS-GYPPPSFTW 273
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                                                                                                                                                                                                                                                     51 ALSDMYVLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRC--SLQNSR 108
                                                                                                                                                                                                                                                                                                                                                                62;
                                                                                                                                                                                                                                                                                                                            9 RDPPGSGSGNEV------IEGPQNARVLKGSQARFNCTVSQGW--KLIMW
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                                                                                                                                                                                                                                                                                                                                                 6.5%; Score 136; DB 3; Length 1447; Similarity 25.1%; Pred. No. 0.004; 52; Conservative 34; Mismarch-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        San Diego
                                  GVLSSLP 234
                                                                      QIVGGSNLR----ILGVVKSDEGFYQCVAENEAGNAQTSAQLIVPKPAIPSSS-----
                                                                                                        FVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINIP
                                                                                                                                               ISASAELTVLVPPWFLNHPSNLYAYESMDIEFECTVSGKP-VPTVNWMKNGDVVIPSDYF
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-VLPSAP 432
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: United States
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PCT-US94-05277-2
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GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 197430 BBMB UT INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT:
APPLICANT:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 202.508.9100
TELEPHAX: 202.508.9299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05277
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                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Kagan, Sarah REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Banner, Birch, M
STREET: 1001 G Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                     378
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427
                                                                                                    168 FVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINIP 227
                                                                                                                                                                         109 LHGSAYLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTWLPDISW-ELGLLVSHSSYY 167
                                                                                                                                                                                                               274 LRGEEVI-----
                                   228 GVLSSLP 234
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                                                                                                                                                                                                                                                                                                                                                       62;
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GY: linear
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                                                                   QIVGGSNLR----ILGVVKSDEGFYQCVAENEAGNAQTSAQLIVPKPAIPSSS--
                                                                                                                                                                                                                                                                                  RNPASSRTGNEAEVRILSDPGLHRQLYFLQRPSNVVAIEGKDAVLECCVS-GYPPPSFTW 273
                                                                                                                                        ISASAELTVLVPPWFLNHPSNLYAYESMDIEFECTVSGKP-VPTVNWMKNGDVVIPSDYF 377
-VLPSAP 432
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Zabrecky, James R.
VENTION: Antibodies Specific for DCC Gene Product
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Kinzler, Kenneth W.
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                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sarah A.
                                                                                                                                                                                                                                                                                                                                                       6.5%; Score 136; DB 5; Length 1447;
25.1%; Pred. No. 0.004;
tive 34; Mismatches 101; Indels 5
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                                                                                                                                                                                                                                                                                                                     -----IEGPQNARVLKGSQARFNCTVSQGW--KLIMW
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RESULT 7 US-08-374-834-16

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US-08-374-834-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application US/08374834
Patent No. 5656473
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (914) 345-7721 INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 21-UUL-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/374,834
EILING DATE: 19-UAN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 869 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: RETELECOMMUNICATION INFORMATION: TELEPHONE: (914) 345-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: //
STREET: //
CITY: Tarkytown
CITY: New York
"TATE: New York
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TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
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REGISTRATION NUMBER: 36,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Regeneron Pharmaceuticals, Inc. STREET: 777 Old Saw Mill River Road
                                                                                                         374 LCNHIFQECSPGVVPTPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEWHLL 429
                                                                                         313
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                                                                                                                                                                                                                                   224
                                                                                                                                                                                                                                                      264 RVIDSRLQLFITKĖ---GLYTCIATNKHGEKFSTĀKAAĀTISIAEWSKĖQKDNKGYCAQY
                                                                                                                                                                                                                                                                                      173 SDLQSAVSILALTPQSNGTLTCVAT----WKSLKARKSATVNLTVIRCPQDTGGG-----
                                                                                                                                                                                                                                                                                                                                                             122 ELFIPSVNLVVAENEP------CEVTCLPSHWTWLPDISW-ELGLLVSHSSYYFVPEP 172
                                                                                                                                                                                                                                                                                                                                              209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    113 GALQVKMKĖ-----KITRPĖINVKIIEGLKAVLPCTTMGNPKPSVSWIKGD----- 158
                                                                                                                                                                                                                                                                                                                                                                                                                                  63 MEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY-LTVQVMG 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4 GAMENRODPGSGSGNEVIEGPQNARVLKGSQARENCTVSQGWK-LIMWALSDMVVLSVRP 62
                                    SVPECSKLPSMHWDPTACARLP-----HLDYNKENLKTFPP--MTSSKPSVDIPNLPSSS 482
                                                                      SGNENSGYNSDEQKTTDTASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHP 368
                                                                                                                                             CCRRRCCGCN------CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETE 312
                                                                                                                                                                               RGEVCNAVLAKDALVFLNTSYADPEEAQELLVHTAWNEL-----KVVSPVCRPAAEAL 373
                                                                                                                                                                                                                             ----INIPGVLSSLPSLGFSL------
                                                                                                                                                                                                                                                                                                                           unknown
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US-08-644-271-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: unknown MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 869 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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                 321
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RGEVCNAVLAKDALVFLNTSYADPEEAQELLVHTAWNEL-----KVVSPVCRPAAEAL 373
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Query Match 6.3%; Score 132.5; DB 2; Length 869; Best Local Similarity 20.8%; Pred. No. 0.0041; Matches 89; Conservative 55; Mismatches 178; Indels 105
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PILING DATE: 10-MAY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 6:
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
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APPLICANT: Valenzuela, et al.

TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS

TITLE OF INVENTION: AND LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 36,108
REFERENCE/DOCKET NUMBER: REG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-345-7400
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OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,271
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STREET: 777 Old Saw Mill Road
                                                                                                      173 SDLQSAVSILALTPQSNGTLTCVAT----WKSLKARKSATVNLTVIRCPQDTGGG----- 223
                                                                                                                                                                                                                                                                    159 -SPLRENSKIAVLE------SGSLRİHNVQKEDAĞQYRCVAKNSL--GTAYSKVVKLEV 208
                                                                                                                                                                                                                                                                                                                                                                           113 GALQVKMKP-----KITRPPINVKIIEGLKAVLPCTTMGNPKPSVSWIKGD------
                                                                                                                                                                                                                                                                                                                     63 MEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY-LTVQVMG 121
                                                                                                                                                                                                                                                                                                                                                                                                                              4 GAMENRDPPGSGSGNEVIEGPQNARVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRP 62
                                                     RVIDSRLQLFITKP---GLYTCIATNKHGEKFSTAKAAATISIAEWSKPQKDNKGYCAQY 320
----INIPGVLSSLPSLGF$L------PTWGKVGLGLAGTMLLTPTCTLTIRCC 267
                                                                                                                                                            EVFARILRAPESHNVTFGSFVTLHCTATGIP-----VPTITWIENGNAVSSGSIQESVKD 263
                                                                                                                                                                                                               ELFIPSVNLVVAENEP-----CEVTCLPSHWTWLPDISW-ELGLLVSHSSYYFVPEP 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08644271
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Valenzuela et al., David M.

FILE REPERENCE: REG195-B-PCT-US

CURRENT APPLICATION NOVEL TYROSINE KINASE RECEPTORS AND

FILE REFERENCE: REG195-B-PCT-US

CURRENT FILING DATE: 1998-09-10

EBARLIER APPLICATION NUMBER: PCT/US96/20696

EARLIER FILING DATE: 1996-12-13

EARLIER FILING DATE: 1996-12-13

EARLIER APPLICATION NUMBER: 00/644,271

EEARLIER APPLICATION NUMBER: 60/008,657

EARLIER APPLICATION NUMBER: 05/008,657

EARLIER FILING DATE: 1995-12-15

NUMBER OF SEQ ID NOS: 36

SOFTWARE: PAST IN NOS: 36

SEQ ID NO 33

LENGTH: 869

TYDE: DET
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US-09-077-955-33
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                                                                                                                                                                                                          268
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483
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             268 CCRRRCCGCN------CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               89; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63 MEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY-LTVQVMG 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 GAMENROPPGSGSGNEVIEGPQNARVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRP
                                                                                                                                                                                                                                                                                                                                    RVIDSRLQLFITKP----GLYTCIATNKHGEKFSTAKAAATISIAEWSKPQKDNKGYCAQY 320
SSSFSVS 489
                                       QASFNLA 375
                                                                                                                       SGNENSGYNSDEQKTTDTASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHP
                                                                                                                                                                                                          CCRRRCCGCN-----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETE 312
                                                                                                                                                                                                                                                    RGEVCNAVLAKDALVFLNTSYADPEEAQELLVHTAWNEL------KVVSPVCRPAAEAL 373
                                                                                                                                                                                                                                                                                            ----INIPGVLSSLPSLGFSL------PTWGKVGLGLAGTMLLTPTCTLTIRCC
                                                                                                                                                                                                                                                                                                                                                                              SDLQSAVSILALTPQSNGTLTCVAT----WKSLKARKSATVNLTVIRCPQDTGGG-----
                                                                                                                                                                                                                                                                                                                                                                                                                        EVFARILRAPESHNVTFGSFVTLHCTATGIP-----VPTITWIENGNAVSSGSIQESVKD
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ELFIPSVNLVVAENEP-----CEVTCLPSHWTWLPDISW-ELGLLVSHSSYYFVPEP 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GALQVKMKP-----KITRPPINVKIIEGLKAVLPCTTMGNPKPSVSWIKGD-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SGNENSGYNSDEQKTTDTASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHP
                                                                                 SVPECSKLPSMHWDPTACARLP----HLDYNKENLKTFPP--MTSSKPSVDIPNLPSSS
                                                                                                                                                                   LCNHIFQECSPGVVPTPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEMHLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6.3%; Score 132.5; DB 4;
20.8%; Pred. No. 0.0041;
ative 55; Mismatches 178;
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RESULT 11
US-08-977-767-3
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US-09-715-249-8
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CURRENT APPLICATION NUMBER: US/09/715,249
CURRENT FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: us 60/166594
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: us 09/539248
PRIOR FILING DATE: 2000-03-30
NUMBER OF SEQ ID NOS: 16
                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Bandman
APPLICANT: Yue, Hei
APPLICANT: Greenwa.
APPLICANT: Corley,
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Patent No. 6790614
GENERAL INFORMATION:
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SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/08977767 Patent No. 5972684
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Best Local Similarity
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APPLICANT: PIPPIG, SUSANNE
TITLE OF INVENTION: select
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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ORGANISM: Musk
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASESEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION MADER: US/08/977,767
FILING DATE: Herewith
                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Yue, Henry
APPLICANT: Greenwald, Sara
APPLICANT: Gorley, Neil C.
TITLE OF INVENTION: CARBONIC ANHYDRASE VIII
                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                        COUNTRY: U:
ZIP: 94304
                                                                                                                                                                                                                   CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  113 GALQVKMKP-----KITRPPINVKIIEGLKAVLPCTTMGNPKPSVSWIKGD------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   122 ELFIPSVNLVVAENEP------CEVTCLPSHWTWLPDISW-ELGLLVSHSSYYFVPEP 172
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                                                                                                                                                                                                                                                                 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                         Bandman, Olga
                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                                                                                   Incyte Pharmaceuticals,
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24.3%; Pred. No. 0.0051;
ative 36; Mismatches 9
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APPLICANT: Majk, Jan
TITLE OF INVENTION: Prognostic Classification of
FILE REFERENCE: B0801/7224 (JRV)
CURRENT APPLICATION NUMBER: US/09/917,254
CURRENT FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: US 60/222,093
PRIOR FILING DATE: 2000-07-28
PRIOR FILING DATE: 2000-07-28
PRIOR FILING DATE: 2000-07-28
PRIOR FILING DATE: 2000-07-28
                                                                                                                                                                                                                                                                    ; ORGANISM: Homb Sapiens
US-09-917-254-92
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US-09-917-254-92
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                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 92, Appearent No. 6703
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Best Local
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                                                                                                                                                                                                                                                                                                                    ENGTH: 1953
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LENGTH: 1345 amino aci
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6.2%;
Local Similarity 33.0%;
les 37; Conservation
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CLONE: 1532042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Billings, Lucy J. REGISTRATION NUMBER: 36,749
                                                            125 RGTFSLVIHAVHEEDRGKYTCEATNG--SGARQVTVELTVEGSFAKQLGQPVVSKTLGDR
                                                                                              82 NFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAYLTVQV------
                                                                                                                                         78
                                                                                                                                                          24 PQNARVLKGSQARFNCTVSQGW--KLIMWALSDMVVLSVRPMEPIITNDRFTSQRVDQGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        190 GTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGI----NIPGVLSSLPSLGFSLPTWGK 245
                                                                                                                                                                                                       86;
                                                                                                                                                                                                                   Similarity
FSASAVETRÉSIMGECPPKFATKLGRVVVKEGOMGRFSCKITGRÉO-----POVTWLKGN 237
                                                                                                                           PRNLCIKEGATAKFEGRV-RGYPEPQVTWH-----RNGQPITSGGRFL---LDCGI 124
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                                                                                                                                                                                               Score 126; DB 4; Length 1953;
Pred. No. 0.048;
58; Mismatches 149; Indels 13
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Pred. No. 0.
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                              --NLVVAENE----PCEVTCLPSHWTWLPDISWELG-
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                                                                                                                                                                                           Indels 130;
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APPLICANT: Green et al
i TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B
iTITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
iTITLE OF INVENTION: Polypoptides Encoded Thereby
iTITLE OF INVENTION NUMBER: US/09/651,200
CURRENT APPLICATION NUMBER: US/09/651,200
CURRENT FILING DATE: 1999-09-33
PRIOR APPLICATION NUMBER: 60/152383
PRIOR APPLICATION NUMBER: 60/172909
PRIOR FILING DATE: 1999-12-21
PRIOR APPLICATION NUMBER: 60/173909
PRIOR FILING DATE: 1999-12-21
PRIOR APPLICATION NUMBER: 60/183578
PRIOR FILING DATE: 2000-02-18
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SOFTWARE: PatentIn V
SEQ ID NO 2
LENGTH: 340
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Best Local (
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ORGANISM: Homo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           78;
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CCCRCCFCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKTTDTASLPPKS
                                                                       QDAHGSVTITGQPMTFPPEAL----WVTVGLSVCLIALLV-
                                                                                                             QDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLTPTCTLTIRCCCCCRRRCCGCN
                                                                                                                                                          TGNVTTSQMANEQGLFDVHSVLRVVLGANGTYSC------LVRNPVLQ
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                                                                                                                                                                                                                                                                                          HGSAYLTVQVMGELFIPSVNLV----VAENEPCEVTCLPSHWTWLP--DISWELGL---L 160
                                                                                                                                                                                                                                                                                                                                       -----HSFTEGR-DQGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTCFV-SIRD 152
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US-09-651-200-6
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US-09-651-200-4
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 Sequence 6, Application US/09651200
Patent No. 6429303
GENERAL INFORMATION:
APPLICANT: Green et al
TITLE OF INVENTION: Polynucleotide
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Best Local (
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CURRENT FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/152383
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/172909
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 2000-0
NUMBER OF SEQ ID NOS: 25
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Polynucleotides Encoding Members of the Human
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SEQ ID NO 6
LENGTH: 534
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Best Local Similarity
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ORGANISM: Homo sapiens
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523 SDSKEDD 529
                                                                             338 CESSDPE 344
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vative 49; Mismatches 131;
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Result
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Maximum DB :
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1: /cgn2_6/ptodata/2/pubpaa/US07 PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/US06 NEW PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US07 NEW PUB.pep:*

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17: /cgn2_6/ptodata/2/pubpaa/US10 NEW PUB.pep:*

18: /cgn2_6/ptodata/2/pubpaa/US10 NEW PUB.pep:*

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15 US-10-309-290-98
15 US-10-309-290-100
15 US-10-309-290-96
16 US-08-755-235-4
17 US-10-184-644-559
18 US-10-184-644-559
18 US-10-274-583-20
18 US-10-231-956A-325
18 US-10-231-956A-325
18 US-10-231-460-125
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18 US-10-231-460-28
18 US-10-231-460-8
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Sequence 3074, Ap
Sequence 98, Appl
Sequence 100, Appl
Sequence 96, Appl
Sequence 4, Appli
Sequence 559, App
Sequence 559, App
Sequence 25, Appl
Sequence 325, Appl
Sequence 28, Appl
Sequence 28, Appl
Sequence 87, Appl
Sequence 89, Appl
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ore 2000; DB 15; ed. No. 3e-158; Mismatches 2; RIFICUSOGWKLIMWA: ARFNCTVSOGWKLIMWA: SDSGNIRCSLQNSRLHG	US/10104047 192A1 INSTITUTE 320030236392A1el full length 2: US/10/104,047 2-03-25	ALIGNMENTS	US-10-276-774-1957 US-10-116-275-240 US-10-0116-275-240 US-10-1180-410-26 US-09-817-487A-2 US-10-093-463-74 US-10-093-463-72 US-10-093-4749-3018 US-10-180-410-2 US-10-180-410-12 US-10-1312-528-12 US-10-1312-528-12 US-10-174-590-584 US-10-176-758-584 US-10-176-758-584 US-10-176-749-584 US-10-176-749-584 US-10-176-749-584 US-10-176-914-584 US-10-176-915-584 US-10-176-915-584 US-10-176-915-584 US-10-176-915-584 US-10-176-913-584 US-10-174-572-584 US-10-174-572-584
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RESULT 2
US-10-309-290-98
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Publication No.
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
FILE REFERENCE: 21402-502A
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                          ICR APPLICATION NUMBER: 60/338,285
ICR FILING DATE: 2001-12-07
ICR APPLICATION NUMBER: 60/341,346
ICR FILING DATE: 2001-12-12
ICR APPLICATION NUMBER: 60/341,477
ICR FILING DATE: 2001-12-17
ICR FILING DATE: 2001-12-07
ICR APPLICATION NUMBER: 60/344,903
ICR APPLICATION NUMBER: 60/373,288
ICR APPLICATION NUMBER: 60/380,981
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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Shenoy, Suresh G.
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Rastelli, Luca
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Patturajan, Meera
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Miller, Charles E.
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                        APPLICANT: Zhong, Haihong
APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAP
FILE REFERENCE: 21402-502A
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LENGTH: 390
TYPE: PRT
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SOFTWARE: CuraSeqList version 0.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local 577;
APPLICATION NUMBER: US/10/309,290
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       268 CCRRCCGCCCCCCCCCCCCRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQ
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                                                                                       Smithson, Glennda
Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
                                                                                                                                                       Peyman, John A.
Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
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Boldog, Ferenc L.
Burgess, Catherine E.
Chillakuru, Rajeev A.
Edinger, Shlomit R.
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                                                                                                                                                                                                                               Murphey, Ryan
Patturajan, Meera
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Jeffers, Michael E.
                                                                                                                                                                                                                                                                                                                                                                   Gould-Rothberg, Bonnie
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Gerlach, Valerie
Gorman, Linda
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                                                                                                                                                                                                                                                                   Miller, Charles E.
                                                                                                                                                                                                                                                                                    Malyankar, Uriel M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10309290
o. US20040023241A1
                      21402-5021
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                                THERAPEUTIC POLYPEPTIDES,
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                      NUCLEIC ACIDS ENCODING SAME, AND METHOD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   94;
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307 267

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CURRENT FILING DATE:

2002-12-02

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; SEQ ID NO 100
; LENGTH: 390
; TYPE: PRT
; ORGANISM: Homo &
US-10-309-290-100
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US-10-309-290-96
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                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                           Sequence 96, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local &
                                               APPLICANT: Alsobrook II, John P.
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Chillakuru, Rajeev A.
APPLICANT: Edinger, Shlomit R.
APPLICANT: Coillakuru, Shlomit R.
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                                     APPLICANT:
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PRIOR APPLICATION NUMBER: 60/341,346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/336,600 FILING DATE: 2001-12-05 APPLICATION NUMBER: 60/338,285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/373,288 FILING DATE: 2002-04-17 APPLICATION NUMBER: 60/380,981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/341,477
FILING DATE: 2001-12-17
APPLICATION NUMBER: 60/341,540
FILING DATE: 2001-12-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/342,592
FILING DATE: 2001-12-20
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                                                                                                                                                                                                                                                                                         -----QSEEPEAGESSTGGP 390
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No. US20040023241A1
Gould-Rothberg,
                  Gerlach, Valerie L. Gorman, Linda
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PRIOR FILING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: 60/380,981
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES,
FILE REFERENCE: 21402-502A
CURRENT APPLICATION NUMBER: US/10/309,290
CURRENT FILING DATE: 2002-12-02
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PRIOR APPLICATION NUMBER: 60/341,540
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                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                 Local
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APPLICATION NUMBER: 60/342,592
FILING DATE: 2001-12-20
268 CCRRRCCGCNCCCRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQ 325
                                                          322 E-PGEEG
                                                                                                                             271
                                                                                                                                                                                                   219 ALRTAPIQPRVWEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIH
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                                                                                                                                                                                                                                                                                                          64 EPIITNDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGS
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                                                                                          RCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCC
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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Murphey, Ryan
Patturajan, Meera
Peyman, John A.
Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
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Zhong, Mei
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Jeffers, Michael
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                                                                                                                                                                                                                                                                                                                                              Score 145.5; DB
Pred. No. 0.0015;
4; Mismatches 9
                                                        PTAĞSVĞGSGLĞTLALALGILGGLGTAALLIGVI 361
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; ORGANISM: Human
US-08-755-235-4
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                         APPLICANT:
APPLICANT:
APPLICANT;
                                                                                                         APPLICANT:
                                                                                                                                      APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audre
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Best Local Similarity
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SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Publication No. US20030059423A1
GENERAL INFORMATION:
          TITLE
                                                                          APPLICANT:
                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Stern, David M.
APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Wu, Jun
TITLE OF INVENTION: METHOD FOR TREATING SYMPTOMS
FILE REFERENCE: 0575/50159
CURRENT APPLICATION NUMBER: US/08/755,235
CURRENT FILING DATE: 1996-11-22
NUMBER OF SEQ ID NOS: 4
CORTANDE: NOS: 4
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                                                                                                                                                                                                                                                                                                                         391
                                                                                                                                                                                                                                                                                                                                                 325 QKTTDTASLPPKSCESSDPEQRNSSCGPP 353
                                                                                                                                                                                                                                                                                                                                                                                       362
                                                                                                                                                                                                                                                                                                                                                                                                        267 CCCRRRCCGCNCCCRCCFCCRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           162 KPLVPNEKGVSVKEQTRRHPETGLFTLQSELM---VTPARGGDPRPTFSCSFSPGLPRHR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        64 EPIITNDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR-----CSLQNSRLHGS
      INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    78;
                                                                                                  Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IRCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRC 266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WWKD------GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVVSISI 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                       IE-PGEEG----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ALRTAPIQPRVWEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIH
                                  Smith, Victoria
Watanabe, Colin K.
Wood, William I.
                    Zhang, Zemin
                                                                                         Pan, James
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 SECRETED AND TRANSMEMBRANE POLYPEPTIDES
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AND NUCLEIC
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RESULT 8
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US-10-184-634-559
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                                                                                                                                                                                        Query Match
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NUMBER OF SEQ ID NOS: 612
SEQ ID NO 559
LENGTH: 2473
TYPE: DNA
ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul :
APPLICANT: Gurney, Austin I
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APPLICANT:
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CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper NUMBER OF SEQ ID NOS: 612
SEQ ID NO 559
                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C217
CURRENT APPLICATION NUMBER: US/10/184,634
CURRENT FILING DATE: 2002-06-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 6.6%;
Best Local Similarity 29.5%;
Matches 31; Conservative
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ORGANISM: Homo
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                                                  2308
                                                                                                                 2274 AATTGAAGTTTCAATTAAAATTTAATATGTTTCC-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2308
                                                                          243 WGKVGLGLAGTMLLTPTCTLTIRCCCCR-RRCCGCNCCCRCCFCC 286
                                                                                                                                              183 ALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    243 WGKVGLGLAGTMLLTPTCTLTIRCCCCR-RRCCGCNCCCRCCFCC
                                                                                                                                                                                    31;
                                             ----ATTCCTCATCGCCCACCCCACCCCGCCCCCACCACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPT 242
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Smith, Victoria Watanabe, Colin K. Wood, William I.
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Gurney, Austin L.
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Goddard, Audrey
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                                                                                                                                                                                   6.6%;
ilarity 29.5%;
Conservative
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                                                                                                                                                                                   Score 138.5; DB 14; Pred. No. 0.057; 3; Mismatches 36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 138.5; DB Pred. No. 0.057; 3; Mismatches
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                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels 35;
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                                                                                                                                                                                                                   2473;
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US-10-274-583-20
; Sequence 20, Application US/10274583
; Publication No. US20030138431A1
; GENERAL INFORMATION:

APPLICANT: Exelixis, Inc

590

535

220 481 169

264

426

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APPLICANT: Bogenberger, January
APPLICANT: Holland, Sacha
APPLICANT: Rigel Pharmaceuticals, Incorporated
TITLE OF INVENTION: Modulators of Angiogenesis
FILE REFERENCE: 021044-004100US
CURRENT APPLICATION UMMBER: US/10/231,956A
CURRENT FILING DATE: 2001-08-30
NUMBER OF SEQ ID NOS: 522
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 325
LENGTH: 1479
TYPE: PRT
ORGANISM: Homo sapiens
US-10-231-956A-325
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PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: 60/357,600
PRIOR APPLICATION NUMBER: 60/357,600
PRIOR APPLICATION NUMBER: 60/361,196
PRIOR APPLICATION NUMBER: 60/361,196
PRIOR FILING DATE: 2002-03-01
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN VETSION 3.1
SEQ ID NO 20
LENGTH: 1477
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US-10-231-956A-325
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; ORGANISM: Homo sapiens
US-10-274-583-20
                    Query Match
Best Local S
Matches 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 325, Application No. US20 GENERAL INFORMATION:
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Best Local
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CURRENT APPLICATION NUMBER: US/10/274,583
CURRENT FILING DATE: 2002-10-21
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                                             Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                591
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               322 VAGEVKTQEVTLRYFGSPARPTFVIQPQNTEVLVGESVTLECSATGHPPPRISWTRGDRT 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  57 VLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNS--RLHGSAY 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 VAGAMENRDPP----GSGSGNEVIEGPONARVLKGSQARFNCTVS-QGWKLIMWALSDMV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTV-----IRCPQDT-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RYECVARNTIG 601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/10231956A
D: US20040053233A1
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                      Conservative
                                          6.6%; Score 138; DB 15; Length 1479; 25.1%; Pred. No. 0.032;
                 38;
                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 14; Length 1477;
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                      127;
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                      Indels
                      68;
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                    Gaps
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LENGTH: 1496
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TITLE OF INVENTION: No. US20030152926Alel Methods of Diagnosis of Angiogenesis,
TITLE OF INVENTION: Compositions and Methods of Screening for Angiogenesis
TITLE OF INVENTION: Modulators
FILE REFERENCE: 018501-000710US
CURRENT APPLICATION UMMBER: US/10/021,660
CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US/09/784,356
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: US 09/637,977
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Murray, Richard APPLICANT: Glynne, Richard APPLICANT: Watson, Susan R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
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221
                                                                                                                                          444 IIVQALPQFTVTPQDRVVIEGQTVDFQCEAKGNPP----PVIAWTKGGSQLSVDRRHLV
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                                          LSSGTLR--ISGVALHDQ--GQYECQAV--NIIGSQKVVAHLTVQPRVTPVFASIPSDTT 552
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---GGGINIPGVLSSLPSLGFSLP--TWGKVGLGL--AGTMLLTPTCTLTI------
                                                                                          PEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTV-----IRCPQDT-
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25.1%; Pred. No. 0.033;
tive 38; Mismatches 127;
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CURRENT ELLING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 60/345,444
PRIOR FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: US 60/351,885
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 60/360,066
PRIOR APPLICATION NUMBER: US 60/362,004
PRIOR APPLICATION NUMBER: US 60/362,004
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US-10-331-496A-28
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SEQ ID NO 28
LENGTH: 1496
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US PRIOR FILING DATE: 2002-08-27
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PRIOR APPLICATION NUMBER: US 60/368,679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE:
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ORGANISM: Homo sapien
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APPLICANT: HILLAN, KENNETH J.
APPLICANT: PHILLIPS, HEIDI S.
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APPLICATION NUMBER: US 60/366,869
FILING DATE: 2002-03-20
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APPLICATION NUMBER: US 60/404,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 60/366,284 FILING DATE: 2002-03-21
                                       499 LSSGTLR--ISGVALHDQ--GQYECQAV--NIIGSQKVVAHLTVQPRVTPVFASIPSDTT 552
                                                                       170 PEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTV-----IRCPQDT-
                                                                                                      444 IIVQALPQFTVTPQDRVVIEGQTVDFQCEAKGNPP----PVIAWTKGGSQLSVDRRHLV
                                                                                                                                   115 LTVQVMGELFIPSVNLVVAENE----PCEVTCLPSHWTWLPDISW-ELGLLVSHSSYYFV
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          ---GGGINIPGVLSSLPSLGFSLP--TWGKVGLGL--AGTMLLTPTCTLTI----
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SPENCER, SUSAN D.
WILLIAMS, P. MICKEY
WU, THOMAS D.
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No. US20030228305A1
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Pred. No. 0.033;
8; Mismatches 127;
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US-10-243-552-899
US-10-243-552-899
; Sequence 899, Application US/10243552
; Publication No. US20030224379A1
; GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/211,462
CURRENT FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: US 09/784,356
PRIOR FILING DATE: 2001-02-13
PRIOR APPLICATION NUMBER: US 09/791,390
PRIOR APPLICATION NUMBER: US 09/791,390
PRIOR APPLICATION NUMBER: US 60/310,025
PRIOR APPLICATION NUMBER: US 60/310,025
PRIOR PILING DATE: 2001-08-03
PRIOR PILING DATE: 2001-10-9-03
PRIOR APPLICATION NUMBER: US 60/334,244
PRIOR FILING DATE: 2001-11-29
NUMBER OF SEQ ID NOS: 230
SOFTWARE: Patentin Ver. 2.1
FERMINE: 1406
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APPLICANT: Murray, Richard
APPLICANT: Glynne, Richard
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APPLICANT:
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TITLE OF INVENTION: Methods of Diagnosis of Angiogenesis, Compositions
TITLE OF INVENTION: Methods of Screening for Angiogenesis Modulators
FILE REFERENCE: 018501-006200US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1496
                                                                         553 VEVGANVQLP-----CSSQGEPEPAITWNKDGVQVTESGKFHISPEGFLTINDVGPADAG
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                                                                                                                                                                                                                                                                                                                                                                                                                      339 VÄGEVKTQEVTLRYFGSPARPTFVIQPQNTEVLVGESVTLECSATGHPPPRISWTRGDRT 398
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RYECVARNTIG 618
                                       RCCCCRRRCCG
                                                                                                                   ---GGGINIPGVLSSLPSLGFSLP--TWGKVGLGL--AGTMLLTPTCTLTI-----
                                                                                                                                                            LSSGTLR--ISGVALHDQ--GQYECQAV--NIIGSQKVVAHLTVQPRVTPVFASIPSDTT
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Watson, Susan R.
Aziz, Natasha
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25.1%; Pred. No. 0.033;
tive 38; Mismatches 1
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RESULT 14
US-10-276-774-1957
; Sequence 1957, Application US/10276774
; Publication No. US20040053245A1
; GENERAL INFORMATION:
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-243-552-899
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PRIOR FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: PCT/US00/35017
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/488,725
PRIOR FILING DATE: 2000-01-21
PRIOR APPLICATION NUMBER: US 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-04-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Remaining Pridr Application data removed NUMBER OF SEQ ID NOS: 998
SOFTWARE: pt_fL_genes Version 5.0
SEQ ID NO 899
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US (
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: PCT.
PRIOR FILING DATE: 2001-02-26
PRIOR FILING DATE: 2001-02-26
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CURRENT APPLICATION NUMBER: US/10/243,552
CURRENT FILING DATE: 2002-09-12
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APPLICANT: Wang, Zhiwei
APPLICANT: Weng, Gezhi
APPLICANT: Weng, Gezhi
TITLE OF INVENTION: Novel Nucleic Acids and
TITLE OF INVENTION: Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2000-02-03
APPLICATION NUMBER: US 09/560,875
FILING DATE: 2000-04-27
APPLICATION NUMBER: PCT/US01/04927
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APPLICATION NUMBER: PCT/US01/03800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 09/496,914
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; LENGTH: 750
; TYPE: PRT
; ORGANISM: Homo :
US-10-116-275-240
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US-10-116-275-240
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US-10-276-774-1957
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                                                                                     CURRENT APPLICATION NUMBER: US/10/116,275
CURRENT FILING DATE: 2002-10-04
NUMBER OF SEQ ID NOS: 349
SOFTWARE: Patentin version 3.1
SEQ ID NO 240
                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 240, Application US/10 Publication No. US20030211476A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Custom
SEQ ID NO 1957
LENGTH: 1498
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APPLICANT: Tang, Y, Tom et al
APPLICANT: Tang, Y, Tom et al
TITLE OF INVENTION: NO. US20040053245A1el Nucleic Acids and Polypeptides
FILE REFERENCE: 21272-030
CURRENT APPLICATION NUMBER: US/10/276,774
CURRENT FILING DATE: 2000-211-18
PRIOR APPLICATION NUMBER: 09/560,875
PRIOR FILING DATE: 2000-04-27
PRIOR FILING DATE: 2000-02-03
PRIOR FILING DATE: 2000-02-03
PRIOR FILING DATE: 2000-02-03
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APPLICANT: Lambkin, Imelda
APPLICANT: Higgins, Lisa
APPLICANT: Higgins, Lisa
TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and
TITLE OF INVENTION: Compositions Targeting Peyer's Patches and M Cell Receptors
FILE REFERENCE: E1067/20087
                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Elan Pharmaceutical Technology APPLICANT: O'Mahony, Daniel J.
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Brayden, David
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                     sapiens
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Query Match Best Local Similarity

6.5%; 25.1%;

Score 136; DB Pred. No. 0.02;

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Perfect score:
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Match
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Gapop 10.0 , Gapext 1.0
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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             US-09-949-016-12128
US-09-949-016-13261
US-09-253-691-3
US-09-270-767-12780
US-09-949-016-135655
US-09-949-016-15346
US-09-949-016-15382
US-09-949-016-153100
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        Sequence 12128, A Sequence 3, Appli Sequence 135656, A Sequence 135656, Sequence 15346, A Sequence 15346, A Sequence 15302, Appli Sequence 15300, Appli Sequence 1, Appli Sequence 16571, A Sequence 16571, A Sequence 16572, A Sequence 16571, A Sequence 16573, A Sequence 16570, A Sequence 17590, A Sequence 17591, A
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RESULT US-09-9 Seque Seq	B & B & 3			ធាន	ი	000 000000
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7 7 A Z Y 1 L	32 387 92 447		CURRENT APPLICA CURRENT FILING PRIOR APPLICA PRIOR FILING PRIOR APPLICA PRIOR FILING PRIOR FILING PRIOR FILING PRIOR FILING PRIOR FILING NUMBER OF SEQ SOFTWARE: FASE SEQ ID NO 1212 LENGTH: 3615	3 7 7 2 2 7 1	4444	44444444444444444444444444444444444444
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c, p.	TAGG GGGG	an c_feature c_i(36150 TION: n: 28 larity larity	ATION WE DATE: DATE: TON WOME ATE: 200 TON WOME ATE: 200 TON WOME	8 Applicat 39 ION: FOL ION: WI ION: WI		00000000000000
cation US/09949016 . Craig et al. POLYMORPHISMS IN KNO	J_J 0_0 /	ure 156) n = A, 77.	ENT APPLICATION NUMBER: US/09/: EENT FILING DATE: 2000-04-14 RE APPLICATION NUMBER: 60/241,71 R FILLING DATE: 2000-10-20 PR APPLICATION NUMBER: 60/237,71 PR FILLING DATE: 2000-10-03 PR APPLICATION NUMBER: 60/231,41 PR FILLING DATE: 2000-09-08 PR FILLING DATE: 2000-10-20 PR FILLING	cation US/0994 . Craig et al. POLYMORPHISMS WITH HUMAN DI	58775 601 601 97131 97132	390 1532 253 265 265 265 265 265 601 601 1874 6794 169334
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GENERAL INFORMATION:

APPLICANT: Dong Kyu JIN

TITLE OF INVENTION: biagnostic Method and Kit for Neuropsychiatric Diseases

TITLE OF INVENTION: Using Trinucleotide Repeats Sequence

FILE REFERENCE: 1942/36

CURRENT APPLICATION NUMBER: US/09/253,691

CURRENT FILING DATE: 1999-02-22

EARLIER APPLICATION NUMBER: KR 98-6,278

HARLIER FILING DATE: 1996-02-26

NUMBER OF SEQ ID NOS: 3

SOFTWARE: WordPerfect 6.1/Windows

SEQ ID NO 3

LENGTH: 397

TYPE: DNA

ORGANISM: human

INS-09-28-60-2
RESULT 4
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US-09-253-691-3/c
Sequence 3, Application US/09253691
Patent No. 6124100
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; FEATURE;
; NAME/KEY: misc_feature
; LOCATION: (1)...(36156)
; OTHER INFORMATION: n = A,T,C or
US-09-949-016-13261
                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                           Query Match
Best Local (
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
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Best Local
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LENGTH: 36156
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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                                                               993 САЛАСАЛАБАЛАСТБАБАСАБАЛАБТББАЛА 1023
                                                                                                                        933 ССТСТАСААСАААААСССТАТТССТАТТСААТТТСААААССААТСТСТСТСТВАААДАСДАСДА 992
                                                                                            140 GCTGTTGCTGCTTTTGCTGCTGTCTGAAACATTCAAAAGTGAAGTATATTTAAAAAACAA
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                                                                                                                                                                                                             873
                                              80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     447 TGTCTTACAGTTCTGGAGGCCGTAAGT 473
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 32 TTTCCTAGGCTGCCATAACCAAGCACCATAACCTGGTGGCTTAGAACAATGGAAAGGCAT
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                                   AACTTAAAAGAATAAATACACCATGAGAAAA 50
                                                                                                                                                           GCTGCTGCTGCTGCCGCCGTCGTTGTTGTGGCTGCXACTGCTGCTGCCGTTGTTGTTTCT 932
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                                                                                                                                                                                                                                         Conservative
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ilarity 77.0%;
Conservative
                                                                                                                                                                                                                                                       58.9%;
                                                                                                                                                                                                                              Score 51.8; DB 3;
Pred. No. 2.8e-05;
0; Mismatches 62;
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Pred. No. 6.3e-05;
0; Mismatches 20;
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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILLING DATE: 2000-09-08
PRIOR FILLING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 135655
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APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 12780

LENGTH: 1918

TYPE: DNA

ORGANISM: Drosophila melanogaster

US-09-270-767-12780
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                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 135655, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENUER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 4.1%;
Best Local Similarity 84.1%;
Matches 58; Conservative
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CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 601
  208
                                    124 GTC 126
                                                               268 TTGGGTGGCTGCAGCAACTGAAATTTAATTTCTCACGGTTCTGGAGGCTGTACGTGCAAG
                                                                                                                                         328 TGTTĎAŤGAÁGGCTGGÁGGTŤAATAAŘYCŤCCTŤGGGCŤGCCÁŤĎÁCÁÁĎÁTŘCCÁCÁGA 269
                                                                                      64 CTGGTGGCTTAGAACAATGGAAAGGCATTTGCTCACGGTTCCAGAAGCTGTAGGTTCTGG 123
                                                                                                                                                                             4 TGTGAGTCCAGCCAACAGTGTGGGATCAGTTTCCTAGGCTGCCATAACAAGCAACGCATAAC 63
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GTC 206
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                                                                                                                                                                                                                                                     4.0%;
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Pred. No. 0.0002;
0; Mismatches 46; Indels
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Pred. No. 0.00011;
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                                                                                          US-09-949-016-15546
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                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILLING DATE: 2000-10-03
PRIOR PELICATION NUMBER: 60/231,498
PRIOR FILLING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
4.0%;
Best Local Similarity 62.6%;
Matches 77; Conservative
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SEQ ID NO 15546
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: BOLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
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CURRENT FILING DATE: 2000-04-14
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                                                                                                          NAME/KEY: misc_feature
LOCATION: (1)...(187595)
OTHER INFORMATION: n = A,T,C or G
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ORGANISM: Human
                                                                                                                                                                  FEATURE:
                                                                                                                                                                                     ORGANISM: Human
                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                        ENGTH: 187595
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lo. 681233
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Pred. No. 0.0002;
0; Mismatches 4
               Score 49.4; DB 4
Pred. No. 0.0098;
0; Mismatches 4
                                                DB 4;
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                   46;
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OF DETECTION AND USES
                                                  Length 187595;
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                 Indels
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                 Gaps
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GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

PITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0
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US-09-949-016-15300
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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PRIOR FILING DATE: 2000-09-08
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APPLICANT: VENTER, J.
                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15300, Application US/09949016 Patent No. 6812339
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Best Local
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Patent No. 68123
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: CL001307
LENGTH: 139552
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Pred. No. 0.00035;
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Sequence 3, Application US/08531927B
Patent No. 5840491
GENERAL INFORMATION:
APPLICANT: Kakizuka, Akira
TITLE OF INVENTION: DNA Sequence Encoding the Mach
Patent No. 5840491
TITLE OF INVENTION: Disease Gene and Uses Thereof
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.
                                                                                                                                                                                                                                                                RESULT 11
US-08-531-927B-3/c
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US-09-497-822C-20/c
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US-09~949-016-15300
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APPLICANT: French, Frank
APPLICANT: Wilson, Elizah
APPLICANT: Joseph, David
APPLICANT: Lubahn, Dennis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ANDROGEN RECEPTOR PROTEINS RECOMBINANT DNA MOLECULES AND CODING TITLE OF INVENTION: AND USE OF SUCH COMPOSITIONS
FILE REFERENCE: 5470.130DV
CURRENT APPLICATION NUMBER: US/09/497,822C
CURRENT FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin version 3.1
LENGTH: 4288
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Best Local Similarity
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TYPE: DNA
ORGANISM: Rattus rattus
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                CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
                                                 ADDRESSEE: Hamlicom, correct: Two Militia Drive
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Local Similarity 62.3%;
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No. 6821767
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02173-4799
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Joseph, David
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                                                                                                                     Disease Gene and Uses Thereof 23
                                                                                                                                                                        DNA Sequence Encoding the Machado-Joseph
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Pred. No. 0.014;
0; Mismatches 29; Indels 0;
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RESULT 12
US-08-997-685A-1/c
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                                                                                              CURRENT APPLICATION NUMBER: US/08/997,685A
CURRENT FILING DATE: 1997-12-12
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 273
TYPE: DNA
ORGANISM: mouse
                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: The Trustees of Columbia University
APPLICANT: Kandel, Eric
TITLE OF INVENTION: Brain Cyclic Nucleotide Gated
FILE REFERENCE: 0575/54806
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 325 base pairs
TYPE: nucleic acid
Query Match
Best Local Similarity 75.6
Matches 59; Conservative
                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/08997685A Patent No. 6551821
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FEATURE:
NAME/KEY:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC poppatible
COMPUTER: IBM PC DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 21-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP H6-251600
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NAME/KEY:
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ilarity 57.8%;
Conservative
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                          3.8%;
75.6%;
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Pred. No. 0.00031;
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           Score 47.6; DB 4;
Pred. No. 0.002;
0; Mismatches 19;
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                                           Length 2733;
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                                           ; ORGANISM: Human
US-09-949-016-16571
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US-09-949-016-16571/c
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PPLING DATE: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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US-09-949-016-16219
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
Query Match
                                                                                                            NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 16571
LENGTH: 36075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 16571, Application US/09949016 Patent No. 6812339 GENERAL INFORMATION:
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 16219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 16219, Application US/09949016 Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
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TYPE: DNA
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Similarity 68.4%;
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  3.8%;
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  Score 46.6;
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DB
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OF DETECTION AND USES THEREOF
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Length 36075;

Search completed: February 25, Job time : 231.028 secs

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US-09-949-016-16572
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
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SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 16572
LENGTH: 36075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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                                                                                                                                                                 25858 TTCCAAAGGCTGCCATAACAAGTGACCACAACTAGGTGGCTTAAAACAACAGAAGTTTAT
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25738 TCTGAAGCACACGTGGTTAAG
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                                       152 CAGAATGCAACAGTCCTGAAG 172
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   32 TTTCCTAGGCTGCCATAACAAAGCACCATAACCTGGTGGCTTAGAACAATGGAAAGGCAT
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                                                                                                                      92 TTGCTCACGGTTCCAGAAGCTGTAGGTTCTGGGTCTGGTAATGAAGTCATAGAAGGCCCC 151
                                                                                                                                                                                     32 TTTCCTAGGCTGCCATAACAAAGCACCATAACCTGGTGGCTTAGAACAATGGAAAGGCAT
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                                                                                TCTCTCCCAGTTCTGGAGGCCAACAGTTCAAAGTCCAGGTTTTGGCACAGCTGTGCTCCC
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25718
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OF DETECTION AND USES THEREOF
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1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

8: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

10: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

11: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*

12: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*

13: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

14: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

15: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

17: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

18: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

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21: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

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24: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

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27: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
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Gapop 10.0 , Gapext 1.0
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  17 US-10-104-047-1104

US-09-918-995-3342

US-09-983-965-4945

18 US-10-812-232-3

10 US-09-918-995-5026

US-09-918-995-5026

US-10-087-192-988

13 US-10-027-632-43431

US-10-027-632-299775
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Sequence 1104, Ap
Sequence 3342, Ap
Sequence 16305, Ap
Sequence 4945, Ap
Sequence 5026, Appli
Sequence 5026, App
Sequence 988, App
Sequence 16675, A
Sequence 43431, A
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-10-027-	-10-357-930-5635	-10-741-600-	US-10-741-600-22941	0-741-	0-741-601-	US-10-620-514-1	US-10-008-739A-1	US-10-620-514-4	0-027-632-2	US-10-027-632-257598	US-10-357-930-47995	US-10-719-993-6862	US-10-741-600-17892	-10-741-601	-10-029-386-1112	-930	10-227-577-157	US-10-091-504-1573	US-09-764-869-1573	US-10-076-555-700	555-	٠	810	-10-225-	-10-384-107-1	-10-674-1;	US-10-027-632-134169	-10-027-63	-10-741	US-10-741-601-5697	-10-027-632	-10-027-632-	US-10-027-632-299775
e 15728	e 56357,	e 30985,	e 22941,	æ	858	٢	<u>,</u>	4	Sequence 257598,	Sequence 257598,	47995,	Sequence 6862, Ap	17892,	5743,	11128,	54485,	157	e 1573,	_	700,	31,	<u>ს</u>	Sequence 26, Appl	11	۲,	ø	Sequence 134169,	13416	17774,			Sequence 201953,	Sequence 299775,

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                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1104
LENGTH: 2051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1104, Application US/10104047 Publication No. US20030236392A1 GENERAL INFORMATION:
                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 1130; Conserv
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CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20030236392A1el full length cDNA
FILE REFERENCE: H1-A0105
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RESULT 2
US-09-918-995-3342
; Sequence 3342, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:

APPLICANT: Hyseq,

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Sequence 16305, Application US/09864761

Retent No. US20020048763A1

RERERAL INFORMATION:

APPLICANT: Penn, Sharron G.

APPLICANT: Penn, Sharron G.

APPLICANT: Hanzel, David R.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TILLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT APPLICATION NUMBER: US 60/180,312

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-02-04

PRIOR FILING DATE: 2000-08-03

PRIOR FILING DATE: 2000-08-03

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: US 60/23,366

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664
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TYPE: DNA

ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1) ... (474)
OTHER INFORMATION: n = A,T,C or
US-09-918-995-3342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ITITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OB: TITLE OF INVENTION: FROM VARIOUS cDNA LIBRARIES FILE REFERENCE: 2041-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOSTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 3342
LENGTH: 474
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US-09-864-761-16305
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APPLICATION NUMBER: PCT/US01/00669

FILING DATE:

2001-01-30

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RESULT 4
US-09-983-965-4945
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; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AF121782.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = US-09-864-761-16305
                                                                                                                                                                                                                                                                                                                                       Sequence 4945, Application US/09983965
Patent No. US20020137160A1
GENERAL INFORMATION:
APPLICANT: Warren, Weeley C.
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Byatt, John C.
APPLICANT: Mathialagan, Nagappan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION.
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
FILE REFERENCE: 37-21(10297)C
CURRENT APPLICATION NUMBER: US/09/983,965
CURRENT FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 09/465,231
PRIOR APPLICATION NUMBER: US 09/465,231
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 5912
SEQ ID NO 4945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 190;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Annomax Sequence Listing Engine vers. SEQ ID NO 16305
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            115 AGGTTCTGGGTCTGGAATGAAGGCATAGAAGGCCCCCAGAATGCAACAGTCCTGAAGGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CTCCCAGGCTCGCTTCAACTGCACCGTCTCCCAGGGCTGGAAGCTCATCATGTGGGCTCT
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Pred. No. 7.2e-45;
0; Mismatches 2
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RESULT 6
US-09-918-995-5026
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APPLICANT: Zhang, Yuhua
APPLICANT: Zhang, Yuhua
TITLE OF INVENTION: NOVEL Proteins Homologous to
FILE REFERENCE: 01997.026700
CURRENT APPLICATION NUMBER: US/10/812,232
CURRENT FILING DATE: 2004.03-29
PRIOR APPLICATION NUMBER: US 60/457,928
PRIOR FILING DATE: 2003-03-28
PRIOR FILING DATE: 2003-07-31
PRIOR FILING DATE: 2003-07-31
NUMBER OF SEQ ID NOS: 254
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US-10-812-232-3/c
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                                                                                                                                                                                                                                                                                           US-10-812-232-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/10812232 Publication No. US20040265961A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.2 SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 78.9
Matches 168; Conservative
                                                                                                                                                                                                                   Query Match 4.4%;
Best Local Similarity 73.9%;
Matches 82; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Liu, Wei
APPLICANT: Wu, Leeying
APPLICANT: Channavajhala,
APPLICANT: Lin, Lin-Ling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Bos taurus
FEATURE:
                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                               LENGTH: 392112
                                                                         216242
                                                                                                                                               216302
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   113 GTAGGTTCTGGGTCTGGTAATGAAGTCATAGAAGGCCCCCAGAATGCAACAGTCCTGAAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      245 GGCTCGGAGGCTCGCTTCAACTGCACCATCTCGCAGGGCTGGAAGCTCGTCATGTGGGCT
                                                                                                    83 GAAAGGCATTTGCTCACGGTTCCAGAAGCTGTAGGTTCTGGGTCTGGTAAT 133
                                                                                                                                                                  24 TGGATCAGTTTCCTAGGCTGCCATAACAAAGCACCATAACCTTGG-TGGCTTAGAACAATG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CTCAGTGACATGGTGGTGCTAAGCGTCAGGCCCATGGAGCCCATCATCACCAATGACCGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GCTCCCAGGCTCGCTTCAACTGCACCGTCTCCCAGGGCTGGAAGCTCATCATGTGGGCT
                                                                       TGTGTTAGTCTCCTAGGCTGCTGTAACAAAGTACCACAAACTGGATGGCTTAAAACAATG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TTCACCTCTCAGAGGTACGACCAGGGCGGGAACT
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78.5%;
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                                                                                                                                                                                                                   Score 54.2; DB 18;
Pred. No. 0.0023;
0; Mismatches 28;
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Pred. No. 1.4e-30;
0; Mismatches 46;
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                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                      Length 392112;
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Sequence 5026, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.

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RESULT 8
US-10-424-599-16675/c
; Sequence 16675, Application US/10424599
; Publication No. US20040031072A1
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                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-087-192-988
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; ORGANISM: Homo sapiens
US-09-918-995-5026
                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 988
LENGTH: 203264
                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 988, Application US/10087192 Publication No. US20020182586A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5026
LENGTH: 404
EVENT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR TILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 2059
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: MOTTLS, David W.
APPLICANT: Engelhard, Eric K.
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: CANCER
FILE REFERENCE: 529452000122
CURRENT FILING DATE: 2002-03-01
CURRENT FILING DATE: 2002-03-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local
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                                                                                                                    140098
                                                                                                                                                                         140038 TGTATTTTCTCATAGTTCTGGAGGCTGGATGTTCAAGATCAAGGTACCAACAATTCCAA 140097
                                                                                                                                                                                                                                               139978 ATAGTTTGGTTGGGCTGCCATAACAAAATACCACAAACTGGGTGGCTTAAACAATAGAAA
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                                                                                                                                                                                                           87 GCATTTGCTCACGGTTCCAGAAGCTGTAGGTTCTGGGTCTGGTAATGAAGTCATAGAAG 146
                                                                                                                                                                                                                                                                                                   27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               134 GTATTTTCTCACAGTTCCAGAGGCTGAAAGTCCAAGATGCCACAAT 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    28 ТСАНТТТССТАНОСТЕСКАТААСААНОСАСАТААССТОБТОВСТТАНДААСААТОНАНЫ
                                                                                                                                                  GCCCC 151
                                                                                                                  GGGCC
                                                                                                                                                                                                                                                                                ATCAGTTTCCTAGGCTGCCATAACAAAGCACCATAACCTGGTGGCTTAGAACAATGGAAA 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GCATTTGCTCACGGTTCCAGAAGCTGTAGGTTCTGGGTCTGGTAAT 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TGAGTTGCTTGGTCTGCCATAACAAAACACTATAGACTCTTTTGCTTAAACAATGGAAAT 133
                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                  140102
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                                                                                                                                                                                                                                                                                                                          Score 53; DB 13;
Pred. No. 0.0036;
0; Mismatches 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 53.2; DB 10
Pred. No. 8.5e-05;
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                                                                                                                                                                                                                                                                                                                                                            Length 203264;
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; LENGTH: 609
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-43431
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PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR PILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
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PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 43431
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                                                                                                              Matches
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APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5323)B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 16675
LENGTH: 775
LENGTH: 775
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Best Local Similarity 73.0%;
Matches 65; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
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OTHER INFORMATION: Clone ID: PAT_MRT3847_115063C.1
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                                                                                                                                     Local
                                23 GTGGATCAGTTTCC-TAGGCTGCCATAACCAAAGCACCATAACCTGGTGGCTTAGAACAAT 81
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                                                                                                                                Similarity
GTGGATCAGTTTCCTTGGGCTGCCGTAACAAATTACGACAAACTTGTGGCCTTAAAACAAT 170
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                                                                                                         Conservative
                                                                                                                        4.18;
71.48;
                                                                                               Score 50.4; DB 13;
Pred. No. 0.00072;
0; Mismatches 31;
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GGAAAGGCATTTGCTCACGGTTCCAGAAGCTGTAGGTTCTGGGTCTGGTAAT 133

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RESULT 11
US-10-027-632-43431
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US-10-027-632-299775
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US-10-027-632-299775
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                                                                                                                                                                                              Sequence 43431, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US/0218,006
PRIOR APPLICATION NUMBER: US 60/218,006
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SEQ ID NO 299775
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Best Local Similarity
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SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
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CURRENT FILING DATE: 2002-04-30
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PRIOR APPLICATION 1
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PRIOR FILING DATE: 2000-07-12
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APPLICATION NUMBER: US 60/167,363 FILING DATE: 1999-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/146,002
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APPLICATION NUMBER: US 60/156,358
FILING DATE: 1999-09-28
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Pred. No. 0.00072;
0; Mismatches 31;
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 10887.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR APPLICATION NUMBER: US 60/198,483

PRIOR FILING DATE: 2000-04-20

PRIOR FILING DATE: 2000-03-29

PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR APPLICATION NUMBER: US 60/185,363

PRIOR APPLICATION NUMBER: US 60/167,363


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US-10-027-632-299775
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US-10-027-632-43431
                                                                                                                                                                                                                                                                       ; ORGANISM: Human
US-10-027-632-299775
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SEQ ID NO 299775
LENGTH: 609
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Matches
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SEQ.ID NO 43431
LENGTH: 609
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                                                                                                                                                                                 Matches
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PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
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PRIOR APPLICATION NUMBER: US 60/146,002
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                                                                                        111 GTGGATCAGTTTCCTTGGGCTGCCGTAACAAATTACGACAAACTTGTGGCCTTAAAACAAT 170
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                       82 GGAAAGGCATTTGCTCACGGTTCCAGAAGCTGTAGGTTCTGGGTCTGGGTAAT 133
                                                                                                                     23 GTGGATCAGTTTCC-TAGGCTGCCATAACAAAGCACCATAACCTGGTGGCTTAGAACAAT
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                                                                                                                                                                                 ; 08
                                                                                                                                                                              Similarity 71.4%;
80; Conservative
AGAAATGTATTCTCTCAAAGTTCTAGAGGCCAGAAGTCTGAGATCCAGGCAT 222
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71.48;
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                                                                                                                                                                            Score 50.4; DB 17
Pred. No. 0.00072;
0; Mismatches 31
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Pred. No. 0.00072
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RESULT 13 US-10-027-632-201953/c ; Sequence 201953, Application US/10027632

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US-10-027-632-201953/c; Sequence 201953, Application US/10027632; Publication No. US20030204075A9; GENERAL INFORMATION:
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; ORGANISM: Human
US-10-027-632-201953
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CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR PPLICATION NUMBER: US 60/198,676
PRIOR PILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR PILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
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SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 201953
LENGTH: 650
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CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
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GENERAL INFORMATION:
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PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
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                                                       APPLICATION NUMBER: US 60/185,218
FILING DATE: 2000-02-24
APPLICATION NUMBER: US 60/167,363
FILING DATE: 1999-11-23
APPLICATION NUMBER: US 60/156,358
FILING DATE: 1999-09-28
                   APPLICATION NUMBER: US 60/146,002 FILING DATE: 1999-08-09
                                                                                                                                                                                                APPLICATION NUMBER: US 60/198,676
FILING DATE: 2000-04-20
APPLICATION NUMBER: US 60/193,483
FILING DATE: 2000-03-29
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Pred. No. 0.00086;
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Search completed: February 25, 2005, 06:16:06 Job time : 875.067 secs

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Sequence 5697, Application US/10741601

Publication No. US20040166519A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES
FILE REFERENCE: CL001500

CURRENT APPLICATION NUMBER: US/10/741,601
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 26415
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 5697
LENOTH: 68123
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US-10-741-601-5697/c
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Best Local Similarity
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Matches 97; Conserv
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SEQ ID NO 201953
LENGTH: 650
TYPE: DNA
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Pred. No. 0.013;
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Pred. No. 0.00086;
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Result
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Perfect score:
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length: 2000000000
          Issued_Patents_AA:*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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1511.316 Million cell updates/
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Copyright (c) 1993 - 2005
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US-09-938-648-3
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97, Appli
98, Appli
99, Appli
91, Ap
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US-09-638-649-3

LENGTH: 404 TYPE: PRT ORGANISM: Human

Best Loc Matches

Conservative

Gaps

Query Match

114 5.5 868 1 US-08-774-834-1 114 5.5 868 2 US-08-774-834-1 114 5.5 868 2 US-09-79-55-1 114 5.5 868 2 US-09-540-245-15 113.5 5.5 416 4 US-09-540-649-1 113.5 5.5 416 4 US-09-638-649-1 113.5 5.4 316 4 US-09-9910-1748-24 111.5 5.4 316 4 US-09-9910-1748-24 111.5 5.4 316 4 US-09-99-910-1748-24 111.5 5.3 365 2 US-09-99-916-6064 111 5.3 365 2 US-09-99-916-6064 111 5.3 365 3 US-09-99-016-6064 111 5.3 365 4 US-09-99-016-6064 111 5.3 3706 4 US-09-949-016-11050 110 5.3 706 4 US-09-949-016-11394 109.5 5.3 325 4 US-09-9651-200-20	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	24
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	20, Appl	11394, A	30, Appl	11050, A	6064, Ap	<ol><li>Appli</li></ol>	<ol><li>Appli</li></ol>	24, Appl	24, Appl	1, Appli	<ol> <li>Appli</li> </ol>	<ol><li>Appli</li></ol>	1, Appli	15, Appl	<ol> <li>Appli</li> </ol>	1, Appli	1, Appli	2011

US-09-638-649-3

Sequence 3, Application US/09638649 Patent No. 6563015

GENERAL INFORMATION:
APPLICANT: Stern, David M.
APPLICANT: Stern, David M.
APPLICANT: Schmidt, Ann Marie
APPLICANT: SCHMIDT, Shi Du
TITLE OF INVENTION: TRANSGENIC MICE OVER-EXPRESSING RECEPTOR FOR ADVANCED
TITLE OF INVENTION: GLYCATION EMPRODUCT (RAGE) AND MUTANT APP IN BRAIN AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 0575/62175
FULE REFERENCE: 0575/62175
CURRENT APPLICATION NUMBER: US/09/638,649
CURRENT APPLICATION NUMBER: US/09/638,649
CURRENT PILING DATE: 2000-08-14
NUMBER OF SEQ ID NOS: 10
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 30
FENCTIA: ACA.

₽ 5 В δ B 5 밁 Ś 밁 S Local Similarity hes 90; Conserv 217 270 RRRCCGCNCCCRCCFCCRKRGFRIQFQKKSSKEKT--NKETETESGNENSGYNSDEQKT 115 LTVQVMGELFIP----SVNLVVAENEP-----CEVTCLPSHWTRLPDISWE 9 PEAVGSGSGNEVIEGPONATVIKGSOARFNCTVSOG---WKLIMWALSDMVVLSVRPMEP LGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRC RTAPIOPRVWEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWM KD-----GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVSISIIE-QRR--PQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCCCC 7.3%; Score 151; DB 4; Length 404; 23.3%; Pred. No. 4.1e-05; tive 38; Mismatches 112; Indels 1 PTAGSVGGSGLGTLALALGILGGLGTAALLIGVILW -QRRGEERKAPENQEEEEERABLN-269 272 156 163 322 216

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Sequence 3, Application US/09638648
Patent NO. 6825164
GENERAL INFORMATION:
APPLICANT: Stearn, David M.
APPLICANT: Schmidt, Ann Marie
APPLICANT: Yan, Shi Du
APPLICANT: Zlokovic, Berislav
TITLE OF INVENTION: A METHOD TO INC.
                                                                                                                                                     US-09-638-648-3
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FELLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOPTWARE: FASTSEQ for Windows Version 4.0
ENGTH: 404
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Best Local Similarity 23.3%; Pred. No. 4.1e-05;
Matches 90; Conservative 38; Mismatches 112;
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Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: URBITER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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INVENTION: A METHOD TO INCREASE CEREBRAL BLOOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   66 IITNDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAY 114
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                                                                                                                                                                                                                                                                                                                 RRRCCGCNCCCRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKT 327
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GENERAL INFORMATION:

APPLICANT: Stern, David M.

APPLICANT: Schmidt, Ann Marie

APPLICANT: Wu, Jun

TITLE OF INVENTION: METHOD FOR TREATING SYMPTOMS OF DIABETES

FILE REFERENCE: 0575/50159

CURRENT APPLICATION NUMBER: US/08/755,235

CURRENT APPLICATION NUMBER: US/08/755,235

CURRENT APPLICATION ONTE: 1996-11-22

NUMBER OF SEQ ID NOS: 4

SOFTWARE: Patentin version 3.1

SEQ ID NO 4

LENGTH: 405

TYPE: PRT

ORGANISM: Human

US-08-755-235-4
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                                                                                                            Matches
                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sequence 4, Application US/08755235
Patent No. 6790443
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7.3%; Score 151; DB 4; Length 404;
Local Similarity 23.3%; Pred. No. 4.1e-05;
108 90; Conservative 38; Mismatches 112; Indels 1
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                                         9 PEAVGSGSGNEVIEGPONATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMEP 65
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                                                                                           7.0%; Score 145.5; DB 4; llarity 23.5%; Pred. No. 0.00013; Conservative 38; Mismatches 111;
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                                                                                             Indels 147;
                                                                                                                                       Length 405;
                                                                                        Gaps
·--KP 163
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Patent No. 5972684
                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/977,767
FILING DATE: Herewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Greenwald, Sara
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: CARBONIC ANHYDRASE
NUMBER OF SEQUENCES: 3
TOPOLOGY: linea
IMMEDIATE SOURCE:
LIBRARY: GenBan
CLONE: 1532042
                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 1345 amino acids
                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                    STRANDEDNESS:
                                                                                                                                                                             TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                      TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               391
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -----QSEEPEAGESSTGGP 405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TTETASLPPKSCESSDPEQRNSSCGPP 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CRRRCCGCNCCCRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQK 326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           KD-----GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVVSISIIE 323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RTAPIQPRVWEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWM 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LTVQVMGELFIP----SVNLVVAENEP------CEVTCLPSHWTRLPDISWE 156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IITNDRFTS-----ORYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAY 114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Incyte Pharmaceuticals,
3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
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Greenwald, Sara
                    GenBank
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                                                     linear
                                                                      single
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                                                                                                                                                                                                                                 PF-0423 US
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US-09-041-886-25
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Patent No. 623587
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Best Local Similarity
Matches 37; Conserv
                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,886
FILLING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
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APPLICANT: Rabizadeh, Sharroz
TITLE OF INVENTION: Proapoptotic Peptides, Dependence
TITLE OF INVENTION: Polypeptides and Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: P-LJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
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                     173
                                                           324
                                                                                            114 YLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEP 172
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   190 GTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGI----NIPGVLSSLPSLGFSLPTWGK 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          456 CGTGAAGAGGGTCCTCTATGACCCCTTCCTGCCCCCTCTGAGACTCAGCACC 507
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                                                                                                                                                                                                             220 SRTGNEAEVRILSDPGLHRQLYFLQRPSNVVAIEGKDAVLECCVS-GYPPPSFTWLRGEE
                                                                                                                                                                      56 VVLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRC--SLQNSRLHGSA 113
                                                                                                                                                                                                                                                   14 SGSGNEV------IEGPQNATVLKGSQARFNCTVSQGW--KLIMWALSDM 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ch 6.2%;
1 Similarity 33.0%;
37; Conservative
                                                                                                                                                                                                                                                                                        60;
SDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSS
                                                           ELTVLVPPWFLNHPSNLYAYESMDIEFECTVS-GKPVPTVNWMKNGDVVIPSDYFQIVGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                         1447 amino acids
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4370 La Jolla Village Drive, Suite
                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (619)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  535-8949
                                                                                                                                                                                                                                                                                                        6.2%; Score 128; DB 3
24.8%; Pred. No. 0.027;
                                                                                                                                      -QLRSKKYSLLGG--SNLLISNYTDDDSGMYTCVVTYKNENISASA
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                                                                                                                                                                                                                                                                                        Mismatches
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                                                             382
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밁 S 밁

Cancer

Gaps

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; MOLECULE TYPE: protein PCT-US94-05277-2
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PCT-US94-05277-2
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GENERAL INFORMATION:
APPLICANT: Bruski
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 197430 BBMB UT INFORMATION FOR SEQ ID NO: 2 SEQUENCE CHARACTERISTICS: LENGTH: 1447 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202.508.9100
TELEFAX: 202.508.9299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Johnson, Karen
APPLICANT: Kinzler, Kenneth W.
APPLICANT: Vogelstein, Bert
APPLICANT: Zabrecky, James R.
TITLE OF INVENTION: Antibodies Specific for DCC Gene Product
NUMBER OF SEQUENCES: 2
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                                                                                                                                                                                                                                                                                                                                                                                        Local
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ZIP: 20001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                            383 SNLR----ILGVVKSDEGFYQCVAENEAGNAQTSAQLIVPKPAIPSSS---
                                 233 Lp 234
                                                                                             173 SDLQSAVSILALTPQSNGTLTCYATWKSLKARKSATVNLTVIRCPQDTGGGINIPGYLSS 232
                                                                                                                                                  324
                                                                                                                                                                       114 YLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEP 172
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                                                                                                                                                                                                                                                                                     220 SRTGNEAEVRILSDPGLHRQLYFLQRPSNVVAIEGKDAVLECCVS-GYPPPSFTWLRGEE 278
                                                                                                                                                                                                                                              56 VVLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRC--SLQNSRLHGSA 113
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                                                                                                                                                                                                                                                                                                                                                                   Similarity 24.8 60; Conservative
                                                                                                                                    ELTVLVPPWFLNHPSNLYAYESMDIEFECTVS-GKPVPTVNWMKNGDVVIPSDYFQIVGG
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: D.C.
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                                                                                                                                                                                                                        VI-----
                                                                                                                                                                                                                                                                                                                        SGSGNEV------IEGPQNATVLKGSQARFNCTVSQGW--KLIMWALSDM 55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Banner, Birch, McKie & Beckett
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Jarosz, David E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                                           6.2%; Score 128; DB 5; Length 14
24.8%; Pred. No. 0.027;
Vative 33; Mismatches 99; Indels
                                                                                                                                                                                                            ----QLRSKKYSLLGG--SNLLISNVTDDDSGMYTCVVTYKNENISASA 323
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                                                              ----VLPS
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; ORGANISM: Homo Sapiens
US-09-917-254-92
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                                                                                                                         Sequence 16, Application US/08374834
Patent No. 5656473
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 6.2%;
Best Local Similarity 20.3%;
Matches 86; Conservative 58
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 92, Application US/09917254 Patent No. 6703204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Prognostic Classification FILE REFERENCE: B0801/7224 (JRV)
CURRENT APPLICATION NUMBER: US/09/917,254
CURRENT FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: US 60/222,093
PRIOR FILING DATE: 2000-07-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Mutter, Geo
APPLICANT: Baak, Jan
                                                APPLICANT: Valenzuela, et
TITLE OF INVENTION: NOVEL
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH: 1953
STREET: 777 Old CITY: Tarrytown
             ADDRESSEE: Regeneron Pharmaceuticals, Inc. STREET: 777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                376 VLOKTSSSITLOAARVO---PEPRAPGLGVLSPSGEERKRPAPPRPATFPTRQPGLGSQD
                                                                                                                                                                                                                                                                                                                                                                 323 DEQKTTETASLPEKSCESSDPEORNSSCGPPHORADOR----PPRPASHPOASFNLASPE 378
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      238 VPLOPSARVSVSEKNGMÓ-VLEÍHGVNODDVGVYTCLVVNGSGKÁSMSÁELSIQGLDSAN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RGTFSLVIHAVHEEDRGKYTCEATNG--SGARQVTVELTVEGSFAKQLGQPVVSKTLGDR 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSA-----TVN
                                                                                                                                                                                                                                                                                                                                                                                                        -----EAAAKSKNCSSPORGGSPPWAANSQPQPP-RESKLESCKDSPRTAPQTP
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                                                                                       al.
TYROSINE KINASE
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Pred. No. 0.041;
58; Mismatches 149; Indels 13
                                                                                         RECEPTOR
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Sequence 29, Application US/08644271
Patent No. 5814478
GENERAL INFORMATION:
APPLICANT: Valenzuela, et al.
TITLE OF INVENTION: NOVEL TYROSI
TITLE OF INVENTION: AND LIGANDS
NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local S
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,658
FILING DATE: 21-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Cobert, Robert J.
REGISTRATION NUMBER: 36,108
REGISTRATION NUMBER: 36,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (914) 345-7721
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 869 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: RETELECOMMUNICATION INFORMATION: TELEPHONE: (914) 345-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                               235 SIGESL------PTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19 EVIEGPQNATVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRPMEPIITNDRFTSQRY
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                                                                                                                                                                                                                                                                                                                                              ----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT
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                                    Valenzuela, et al.
VENTION: NOVEL TYROSINE KINASE RECEPTORS
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; MOLECULE TYPE: protein
US-08-644-271-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 6.1%; Score 127.5; DB 2; Best Local Similarity 20.9%; Pred. No. 0.015; Matches 86; Conservative 51; Mismatches 176;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UMBER: USSN 60/008,657
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: RETELECOMMUNICATION INFORMATION: TELEPHONE: 914-345-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,
FILING DATE: 10-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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ZIP: 105
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CITY: Tarrytown
STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Cobert, Robert J
REGISTRATION NUMBER: 36,108
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                                                                                     389 TPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEMHLLSVPECSKLPSMHWDP
                                                                                                                                                                                                                                                                                                                                                                                                                                           172 -----SGSLRIHNVOKEDAGOYRCVAKNSL--GTAYSKVVKLEVEVFARILRAPESHNV
445
                                         328 TETASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHPQASFNLA 375
                                                                                                                                                                           336 FLNTSYADPEEAQELLVHTAWNEL-----KVVSPVCRPAAEALLCNHIFQECSPGVVP
                                                                                                                                                                                                                     235 SLGFSL-----PTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN-----
                                                                                                                                                                                                                                                                 278 --GLYTCIATNKHGEKFSTÄKAAATISIAEWSKPQKDNKGYCAQYRGEVCNAVLAKDALV 335
                                                                                                                                                                                                                                                                                                           188 SNGTLTCVAT----WKSLKARKSATVNLTVIRCPQDTGGG-----INIPGVLSSLP
                                                                                                                                                                                                                                                                                                                                                       224 TFGSFVTLHCTATGIP-----VPTTTWIENGNAVSSGSIQESVKDRVIDSRLQLFITKP-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  78 DQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY-LTVQVMGELFIPSVNLVVAENE 136
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TACARLP-----HLDYNKENLKTFPP--MTSSKPSVDIPNLPSSSSSSFSVS
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RESULT 11 US-09-077-955-33 ; Sequence 33, Application US/09077955A ; Patent No. 6413740

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GENERAL INFORMATION:

APPLICANT: Valenzuela et al., David M.

TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS AND LIGANDS

FILE REFERENCE: REG195-B-PCT-US

CURRENT APPLICATION NUMBER: US/09/077,955A

CURRENT FILING DATE: 1998-09-10

EARLIER APPLICATION NUMBER: PCT/US96/20696

EARLIER FILING DATE: 1996-12-13

EARLIER FILING DATE: 1996-12-13

EARLIER APPLICATION NUMBER: 08/644,271

EARLIER FILING DATE: 1996-05-10

EARLIER APPLICATION NUMBER: 60/008,657

LANGUER FILING DATE: 1996-05-10

EARLIER FILING DATE: 1995-12-15

SOFTWARE: PATENT DATE: 1995-12-15
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US-09-062-365-1
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LENGTH: 332
TYPE: PRT
ORGANISM: Human
S-09-062-365-1
                                                                                      APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, David
TITLE OF INVENTION: METHOD FOR INHIBITING TUMOR INVASION OR SPREADING:
TITLE OF INVENTION: SUBJECT
FILE REFERENCE: 55424
CURRENT APPLICATION NUMBER: US/09/062,365
CURRENT FILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 6
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09062365
Patent No. 6465422
GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         328 TETASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHPQASFNLA 375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   389 TPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEMHLLSVPECSKLPSMHWDP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       336 FĽNTSYADPEBAQELLVHTAWNEL-----KVVSPVĆRPAABALLĆNHIFQEĆSPGVVP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    188 SNGTLTCVAT----WKSLKARKSATVNLTVIRCPQDTGGG-----INIPGVLSSLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        137 P-----CEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQ 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 224 TFGSFVTLHCTATGIP-----VPTITWIENGNAVSSGSIQESVKDRVIDSRLQLFITKP-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       172 -----SGSLRIHNVQKEDAGQYRCVAKNSL--GTAYSKVVKLEVEVFARILRAPESHNV
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                                                                                                                                                                                                                                                                                                                                                                                                                                               TACARLP-----HLDYNKENLKTFPP--MTSSKPSVDIPNLPSSSSSSFSVS 489
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         KITRPPINVKIIEGLKÄVLPCTTMGNPKPSVSWIKGD-----SPLRENSRIAVLE-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ----PTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN-----
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RESULT 14 US-09-961-403-3 ; Sequence 3, Application US/09961403

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US-09-715-249-8
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NUMBER OF SEQ ID NOS: SOFTWARE: PatentIn v
SEQ ID NO 8
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APPLICANT: NOVARTIS AG
APPLICANT: VERES, GABOR
APPLICANT: PIPPIG, SUSANNE
TITLE OF INVENTION: Select
                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                          -09-715-249-8
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CURRENT FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: US 60/166594
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/539248
PRIOR FILING DATE: 2000-03-30
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Best Local S
Matches 70
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TYPE: PRT
ORGANISM: MuSK
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                                                                                                                                                                                                                                                                                         Local
        278
                                                                                                                           172 -----SGSLRÍHNÝQKEDAGQYRCVAKNSL--GTAYSKVVKLEFEVFARILRAPESHNV 223
                                                                                                                                                                                           122 KITRPPINVKIIEGLKÄVLPCTTMGNPKPSVSWIKGD-----SPLRENSRIAVLE- 171
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                                                                                                                                                                                                                           19 EVIEGPQNATVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRPMEPIITNDRFTSQRY 77
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                142 LVPNEKGVSVKEQTRRHPETGLFTLQSELM----VTPARGGDPRPTFSCSFSPGLPRHRAL 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             102 PEIVDŚAŚ--ELTAGVPN------KVGTCVŚEGSYPAGTLSWHLDG-----KP 141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               66 IITNDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAY
--GLYTCIATNKHGEKFSTAKAAATISIAEWSKPQKDNKG
                            SNGTLTCVAT----WKSLKARKSATVNLTVIRCPODTGGG 223
                                                                                                                                                                                                                                                                                       Similarity
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                                                            TFGSFVTLHCTATGIP-----VPTITWIENGNAVSSGSIQESVKDRVIDSRLQLFITKP-
                                                                                          P-----CEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEBSDLQSAVSILALTPQ 187
                                                                                                                                               DQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY-LTVQVMGELFIPSVNLVVAENE 136
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity 25.0 70; Conservative
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4-31192
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315
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GENERAL INFORMALL GENERAL INFORMAL GENERAL APPLICANT: HAENDLER, BERNARD APPLICANT: KRAETZSCHMAR, JOERN RERTHOLT

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CURRENT APPLICATION NUMBER: US/09/961,403
CURRENT FILING DATE: 2001-09-25
NUMBER OF SEQ ID NOS: 15
SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 1070
TYPE: PRT
ORGANISM: Homo sapiens
US-09-961-403-3
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US-09-651-200-2
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                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-651-200-2
                                                                                                                                                                                                                                                                                                                                          APPLICANT: Green et al
APPLICANT: Green et al
TITLE OF INVENTION: Polynucleotides Encoding Members of the Human I
TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
TITLE OF INVENTION: Polypoptides Encoded Thereby
FILE REFERENCE: 15966-562 (CURA-62)
CURRENT EILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/152383
PRIOR APPLICATION NUMBER: 60/152383
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/172909
PRIOR FILING DATE: 1999-12-21
PRIOR FILING DATE: 1999-12-21
                                               Query Match 6.0%; Score 124.5; DB 4; Best Local Similarity 21.2%; Pred. No. 0.0074; Matches 77; Conservative 51; Mismatches 127;
                                                                                                                                                                                                                                              SOFTWARE:
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/09651200 Patent No. 6429303 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 6.0%; Score 125; DB 4; Length 1070; Best Local Similarity 24.8%; Pred. No. 0.033; Matches 59; Conservative 34; Mismatches 109; Indels 36;
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APPLICANT: WINTERHAGER, ELKE
APPLICANT: REGIDOR, PEDRO
APPLICANT: SCOTTI, SIMONE
TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS
FILE REFERENCE: SCH-1789
                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE:
                                                                                                                                                                                                                         LENGTH: 340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      379 ANIAESDAGVYTCHAA--NLAGQRRQDVNITVATVPSWLKKPQDSQLEEGKPGYLDCL 434
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     183 ALTPQSN-GTLTCVATWKSLKARKSATVNLTV-----IRCPQDTGGGINIPGVLSSL 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       329 EPRVFTAGSEE---RVTCLPPKGLPEPSVWWEHAGVRLPTHGRVY-----QKGHELVL 378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      125 IPSVNLVVAENEPCEVTCLPSHWTRLPDISWE-LGL-LVSHSSYYFVPEPSDLQSAVSIL 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           278 ATVFA-----NGSLLLTOVRPRNAGIYRCIGOGORGPPIILEATLHLAEIEDMPLF 328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            70 DRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSR-----LHGSAYLTVQVMGELF 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11 AVGSGSGNEVIEGPONATVLKGSQARFNCTVS-QGWKLIMWALSDMVVLSVRPMEPIITN 69
  14 SGSGNEVIEGPQNATV-LKGSQARFNCTVS--QGWKL----IMWALSDMVVLSVRPMEPI 66
                                                                                                                                                                                                                                                                           PatentIn Ver. 2.0
                                            Conservative
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                                                                                              Length 340;
                                                 Indels 109; Gaps
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	SDPE 344	341	· 5
331	289 ALAFVCWRKIKQSCEEENAGAEDQDGEGEGSKTALQPLKHSDS 331	289	B
340	281 RCCFCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKTTETASLPPKSCES 340		Ş
288	256 HGSVTTTGQPMTFPPEALWVTVGLSVCLIALLV	256	밁
280	221 GGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTWLLTPTCTLTIRCCCCRRRCCGCNCCC 280	221	Ş
255	214 VTTSQMANEQGLFDVHSVLRVVLGANGTYSCLVRNPVLQQDA 255	214	밁
220	164 SSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 220	164	ঠ
213	156 AAVSLQVAAPYSKPSMTLEPNKDLRPGDTVTITCSSYRGYPEAEVFWQDGQGVPLTGN 213	156	밁
163	AYLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISWELGLLVSH 163		Ş
155	HSFTEGR-DOGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTCFV-SIRDFGS 155	101	밁
112	67 ITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGS 112		Ş
100	:    :	48	문

Search completed: February 22, 2005, 19:36:02 Job time: 20.0659 secs

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Maximum Match 100%
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151
145.5
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seq length: 200000000
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1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

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4 US-10-106-133-3

4 US-10-1104-644-559

4 US-10-1104-634-559

4 US-10-110-110-26

5 US-10-015-115-87

4 US-10-214-583-325

4 US-10-231-956A-325
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US-10-309-290-98
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Sequence 3074, Ap
Sequence 98, Appl
Sequence 100, Appl
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Sequence 4, Appli
Sequence 3, Appli
Sequence 559, Appl
Sequence 559, Appl
Sequence 26, Appl
Sequence 87, Appl
Sequence 325, Appl
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-10-175-740-5	-10-175-739-5	0-174-588-	-10-174-582-5	-10-174-579-5	-10-174-572-58	-10-173-700-5	-10-180-557-58	-10-180-552-58	-10-176-913-	-10-176-757-5	-10-176-482-	-10-175-752-58	-10-175-738-58	-10-173-706-	-10-176-	-10-176-914-	-10-176-749-	-10-176-483-58	0-174-581-5	-10-175-737-	-10-176-758-5	-10-174-590-5	-10-052-586-5	-10-312-528-	0-180-410-1	-10-312-528-	0-180-410	-10-276-	0-243-552	-10-211-462-8	US-10-331-496A-28
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SOFTWARE: PACENTIN Ver. 2.1
SEQ ID NO 3074
LENGTH: 407
TYPE: PRT
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                                                                                                                                                                                                                                    Query Match 97.1%; Score 2017; DB 15; Best Local Similarity 100.0%; Pred. No. 3.7e-158; Matches 374; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: NO. US20030236392A1el full length cDNA
FILE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PRIOR FILING DATE:
                  133 AENEPCEVTCLPSHWTRLPDISWELGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTL 192
154
                                                                             94
                                                                                                                                                                              13 GSGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMMALSDMVVLSVRPMEPIITNDRF
                                                                                                                   73
                                                                                                                                                         34 GSGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEPIITNDRF
                                                                                                TSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAYLTVQVMGELFIPSVNLVV 132
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CURRENT APPLICATION NUMBER: 00/31, 290
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR FILING DATE: 2001-12-02
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR FILING DATE: 2001-12-17
PRIOR PILING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR PILING DATE: 2001-12-17
PRIOR PILING DATE: 2001-12-17
PRIOR PILING DATE: 2001-12-27
PRIOR PILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/344,297
PRIOR APPLICATION NUMBER: 60/344,297
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR PILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR PILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: 60/373,288
PRIOR PILING DATE: 2002-04-17
PRIOR PILING DATE: 2002-04-17
PRIOR PILING DATE: 2002-05-15
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US-10-309-290-98
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPH
FILE REFERENCE: 21402-502A
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Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
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Taupier, Raymond J.
Voss, Edward Z.
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Ji, Weizhen
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Starling, Gary
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Patturajan, Meera
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Boldog, Ferenc L.
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Publication No. US20040023241A1
GENERAL INFORMATION:
APPLICANT: Alsobrook II, John
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Best Local S
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 98
LENGTH: 390
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ORGANISM: Homo sapiens
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     Smithson, Glennda
Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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Burgess, Catherine E.
Chillakuru, Rajeev A.
Edinger, Shlomit R.
Gerlach, Valerie L.
Gorman, Linda
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                                                                   Rieger, Daniel K.
Shenoy, Suresh G.
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Rastelli, Luca
                                                                                                                             Murphey, Ryan
Patturajan, Meera
                                                                                                                                                                Miller,
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                                                                                                                                                                                                                                                                                                                                                                        David
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US-10-309-290-96
, Sequence 96, Application US/10309290
; Publication No. US20040023241A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook II, John P.
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 100
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Best Local
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PRIOR APPLICATION NUMBER: 60/341,346
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CURRENT FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR FILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-12-05
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
FILE REFERENCE: 21402-502A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
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APPLICATION NUMBER: 60/341,540
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SOFTWARE: Cura
; SEQ ID NO 96
rength: 404
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES
FILE REFERENCE: 21402-502A
CURRENT APPLICATION NUMBER: US/10/309,290
CURRENT FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/338,285
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR APPLICATION NUMBER: 60/341,346
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PRIOR APPLICATION NUMBER: 60/344,903
PRIOR FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: 60/373,288
PRIOR APPLICATION NUMBER: 60/373,288
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PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,540
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PRIOR APPLICATION NUMBER: 60/380,981
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PRIOR APPLICATION NUMBER: 60/342,592
PRIOR FILING DATE: 2001-12-20
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ORGANISM: Homo sapiens
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115 LTVQVMGELFIP----SVNLVVAENEP------
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                                                       164 LVPNEKGVSVKEQTRRHPETGLFTLQSELM----VTPARGGDPRPTFSCSFSPGLPRHRAL
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                                                                                          66 IITNDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAY
                                                                                                                                                                   9 PEAVGSGSGNEVIEGPONATVLKGSOARFNCTVSQG----WKLIMWALSDMVVLSVRPMEP
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                                                                                                                                PEIVDSAS--ELTAGVPN------KVGTCVSEGSYPAGTLSWHLDG------KP
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Zhong, Mei
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Shenoy, Suresh G.
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Patturajan, Meera
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                                                                                                                                                                                                                       7.3%; Score 151; DB 15; 23.3%; Pred. No. 0.00065;
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 -CEVTCLPSHWTRLPDISWE 156
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 405
TYPE: PRT
ORGANISM: Human
US-08-755-235-4
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US-08-755-235-4
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Best Local Similarity
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Publication No. US20030059423A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Stern, David M.
APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Wi, Jun
TITLE OF INVENTION: METHOD FOR TREATING SYMPTOMS
FILE REFERENCE: 0575/50159
CURRENT APPLICATION NUMBER: US/08/755,235
CURRENT FILING DATE: 1996-11-22
CURRENT FILING DATE: 1996-11-22
CURRENT FILING DATE: 1996-11-22
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                                                                                                                                                                                                                                                                                                                                                                                                           221 RTAPIQPRVMEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWM
                                                                                                                                                                                                                                                                                                                                                                                                                                                  115 LTVQVMGELFIP----SVNLVVAENEP------CEVTCLPSHWTRLPDISWE 156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             164 LVPNEKGVSVKEQTRRHPETGLFTLQSELM----VTPARGGDPRPTFSCSFSPGLPRHRAL 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      66 IITNDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAY 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               328 TETASLPPKSCESSDPEQRNSSCGPP 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       364
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                                                                                                                                                                                           CRRRCCGCNCCCRCCFCCRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQK 326
                                                                                                                                                                                                                                                                                 CPQDTGGGINIPGVLSSLPSLGFSLFTWGKVGLGLAGTMLLT-----PTCTLTIRCCC 268
                                                                                                                                                                                                                                                                                                                          KD-----GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVVSISIIE 323
                                                                                                                                                                                                                                         - PGEEĞ-----PTAGSVGGSGLGTLALALGILGGLGTAALLÌGVIL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PEIVDSAS--ELTAGVPN------KVGTCVSEGSYPAGTLSWHLDG-----KP 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PEAVGSGSGNEVIEGPONATVLKGSQARFNCTVSOG---WKLIMWALSDMVVLSVRPMEP 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RRRCCGCNCCCRCCFCCRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKT 327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTWLLT-----PTCTLTIRCCCC 269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RTAPIQPRVWEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWM 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 KD------GVPLPLPPSPVLILPEIGPODOGTYSCVATHSSHGPQESRAVSISIIE- 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LGLLVSHSSYYFYPEPSDLQSAVSILALTPQSNGTLTCVATWK$LKARK$ATVNLTVIRC 216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7.0%; Score 145.5; DB 8; Length 405; ilarity 23.5%; Pred. No. 0.0019; Conservative 38; Mismatches 111; Indels 147;
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                                                                                 -QSEEPEAGESSTGGP 405
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                                                                                                                                                         QRRGEERKAPENQEEEEERAELN----
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/306,133
FILING DATE: 27-No. US20030100485A1-2002
CLASSIFICATION > (URLENDED OF THE NUMBER: US/09/009,841
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/009,841
FILING DATE: CURROWN>
APPLICATION INFORMATION:
APPLICATION NUMBER: 36,749
ATTORNEY/AGENT INFORMATION:
RESTRENCE, DOCKET NUMBER: PF-0463 US
TELEPANNE: 650-845-4166
TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Match
6.7%; Score 139.5; DB 14; Length 344;
Local Similarity 24.9%; Pred. No. 0.0047;
les 66; Conservative 40; Mismatches 110; Indels 49;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO:
                                                    236 GOKGTLQCEASAVPSAEFQ---WFK 257
                                                                                        225 NIPGVL----SSLPSLGFSLPTWGK 245
                                                                                                                                              181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IMMEDIATE SOURCE:
                                                                                                                                                                                                                                  129
                                                                                                                                                                                                                                                    110 HGSAYLTYQYMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISWELGLLVSHSSYYFY 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94304
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals,
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                               80 DKWCLDERVVLLSN---TQTQY------SIEIQNVDVYDEGEYYTCSVQTDNHPKTSRV 128
                                                                                                                                                                                                                                                                                                                                     60 ----VRPMEPIITNDRFTSQRYDQGGNFTSEMITHNVEPSDSGNIRCSLQ-----NSRL 109
                                                                                                                                                                                                                                                                                                                                                                                20 RLLELVÉTGVEVRSGDATFEKAMDNYTVRQGESATLRCTIDNRVTRVAWLNRSTILYAGN 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: HUMAN NEUROTRIMIN HOMOLOG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lal,
                                                                                                                                                                                                                                                                                                                                                                                                                         3 RHLLTVPEAVGSGSGNEVI-EGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLS--
                                                                                                                            SEDEYLE----IQGITREQSGEYECSAS-NDVAAPVVRRVNVTVNYPPYISEAKGTGVPV
                                                                                                                                                                  PEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP-----QDTGGGI 224
                                                                                                                                                                                                             H----LIVQVSPKIVEISSDISINEGNNISLTCIATGRPE-PTVTWR---HISPKAVGFV 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LIBRARY: GenB
CLONE: 755185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GenBank
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RESULT

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US-10-184-644-559

Sequence 559, Application US/10184644 Publication No. US20030044930A1 GENERAL INFORMATION:

APPLICANT: Baker,Kevin P. APPLICANT: Chen,Jian

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; ORGANISM: Homo Sapien
US-10-184-644-559
                                                                          ; ORGANISM: Homo Sapien
US-10-184-634-559
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Best Local Similarity 29.5%;
Matches 31; Conservative
Query Match 6.7%;
Best Local Similarity 29.5%;
Matches 31; Conservative
                                                                                                                               SEQ ID NO 559
LENGTH: 2473
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 559, Appublication No.
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LENGTH: 2473
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                             TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3430R1C217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                  Prior Application removed - NUMBER OF SEQ ID NOS: 612
                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/184,634
CURRENT FILING DATE: 2002-06-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Prior Application removed -
NUMBER OF SEQ ID NOS: 612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REPERENCE: P3430R1C227
                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2308 -----ATTCCTCATCGCCCACCCCACCCCCCCCCCACCACC 2344
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         243 WGKVGLGLAGTMLLTPTCTLTIRCCCCR-RRCCGCNCCCRCCFCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       183 ALTPOSNGTLTCVATWKSLKARKSATVNLTVIRCPODTGGGINIPGVLSSLPSLGPSLPT 242
                                                                                                                                                                                                                                                                                                                                                                                            Desnoyers, Luc
Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Chen, Jian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/10184634 o. US20030068684A1
                                                                                                                                                                                    See File Wrapper or Palm
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 138.5; DB 14; Length 2473; Pred. No. 0.074; 3; Mismatches 36; Indels 35;
Score 138.5; DB Pred. No. 0.074; 3; Mismatches
                                 DB 14; Length 2473;
 36;
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Indels 35; Gaps
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APPLICANT: APPLICANT: APPLICANT:

Guo,

Patturajan, Meera Xiaojia

APPLICANT: APPLICANT:

Kekuda, Ramesha Gangolli, Esha A Shimkets, Richard A

Padigaru, Muralidhara Taupier, Raymond J Li, Li

PPLICANT

APPLICANT: Malyankar, Uriel M APPLICANT: Shenoy, Suresh G APPLICANT: Spytek, Kimberly J

Shenoy, Suresh G Spytek, Kimberly A Zerhusen, Bryan D

RESULT 10 US-10-015-115-87 ; Sequence 87, Application US/10015115 ; Publication No. US20030207800A1 ; GENERAL INFORMATION:
Qy 177 SAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 220   :::::::::::::::::::::::::::::::::
Qy 123 LFIPSVNLVVAENEPCEVTCLPSHWTR-LPDISW-ELGLLVSHSSYYFVPEPSDLQ 176
Qy 74 SQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHG-SAYLTVQVMGE 122
Qy 14 SGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEPIITNDRFT 73
Query Match 6.6%; Score 138; DB 14; Length 633; Best Local Similarity 24.1%; Pred. No. 0.014; Matches 54; Conservative 40; Mismatches 100; Indels 30; Gaps 10;
US-10-180-410-26  Sequence 26, Application US/10180410  Publication No. US20030148382A1  GENERAL INFORMATION:  APPLICANT: SUN, CHAO  APPLICANT: LUKASHIN, ALEXANDER V.  APPLICANT: KILBURN, DANIEL R.  TITLE OF INVENTION: PANCAM NUCLEIC ACIDS AND POLYPEPTIDES  FILE REFERENCE: A097 CIP  CURRENT FILING DATE: 2002-06-24  PRIOR APPLICATION NUMBER: US/10/180,410  CURRENT FILING DATE: 2001-06-22  PRIOR APPLICATION NUMBER: 60/213,611  PRIOR FILING DATE: 2001-06-22  NUMBER OF SEQ ID NOS: 33  SOFTWARE: Patentin Ver. 2.1  SEQ ID NO 26  LENGTH: 633  TYPE: PRT  ORGANISM: Homo Sapiens
OY 243 WGKVGLGLAGTMLLTPTCTLTIRCCCCR-RRCCGCNCCCRCCPCC 286
Qy 183 ALTDQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPT 242

Gaps

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PRIOR APPLICATION NUMBER: 60/338,733
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: 60/357,600
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: 60/361,196
PRIOR FILING DATE: 2002-03-01
PRIOR FILING DATE: 2002-03-01
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin version 3.1
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 11
US-10-274-583-20
US-10-274-583-20
; Sequence 20, Application US/10274583
; Publication No. US20030138431A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Gallus gallus
US-10-015-115-87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/264,240
PRIOR APPLICATION NUMBER: 60/266,127
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 60/269,562
PRIOR APPLICATION NUMBER: 60/304,348
PRIOR APPLICATION NUMBER: 60/304,348
PRIOR FILING DATE: 2001-07-10
PRIOR FILING DATE: 2001-07-10
PRIOR FILING DATE: 2001-07-10
                                                                                                                                                                                                                                                                                                             APPLICANT: Exelixis, Inc.
TITLE OF INVENTION: LRRCAPS AS MODIFIERS OF
FILE REFERENCE: EXEC-119C
CURRENT APPLICATION NUMBER: US/10/274,583
CURRENT FILING DATE: 2002-10-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/313,283
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 205
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CURRENT APPLICATION NUMBER: US/10/015,115

CURRENT FILING DATE: 2002-09-23

PRIOR APPLICATION NUMBER: 60/248,153

PRIOR FILING DATE: 2000-11-13

PRIOR APPLICATION NUMBER: 60/249,598

PRIOR FILING DATE: 2000-11-17
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                                                                                                                                                                                                                                                                                                                                                                                                    THE p53 PATHWAY AND METHODS
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APPLICANT: Holland, Sacha
APPLICANT: Holland, Sacha
APPLICANT: Rigel Pharmaceuticals, Incorporated
TITLE OF INVENTION: Modulators of Anglogenesis
FILE REFERENCE: 021044-004100US
CURRENT APPLICATION UNMBER: US/10/231,956A
CURRENT FILING DATE: 2001-08-30
NUMBER OF SEQ ID NOS: 522
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 325
LENGTH: 1479
TYPER: DET
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US-10-231-956A-325
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-274-583-20
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Best Local Similarity
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Publication No. US20040053233A1
GENERAL INFORMATION:
APPLICANT: Lorens, James B.
APPLICANT: Xu, Weiduan
APPLICANT: Bogenberger, Jakob
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Best Local Similarity 25...
Thes 73; Conservative
                                                                                                                                                                               442 RVVIEGQTVDFQC-EAKGNPPPVIAWTKGGSQLSVDRRHLVLSSGTLR--ISGVALHDQ-
                                                                                                                                                                                                                                        130 LYVAENEPCEVTÇLIPSHWTRLPDISW-ELGLLVSHSSYYFVPEBSDLQSAVSILALTPQS 188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ch 6.5%; Score 135; DB 15; 1 Similarity 25.0%; Pred. No. 0.074; 73; Conservative 36; Mismatches 127;
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                                                                                                                    NGTLTCVATWKSLKARKSATVNLTV-----IRCPODT----GGGINIPGVLSSLPSL 236
   GFSLP--TWGKVGLGL--AGTMLLTPTCTLTI----
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                                                        -GQYECQAV--NIIGSQKVVAHLTVQPRVTPVFASIPSDTTVEVGANVQLP-----CSSQ 549
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25.0%; Pred. No. 0.074;
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---RCCCCRRRCCG 275
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                                                                                                                                                                                                                                                   Sequence 28, Applica publication No. US20 GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 125
LENGTH: 1496
TYPE: PRT
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                                                                                                                        APPLICANT:
APPLICANT:
APPLICANT:
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TITLE OF INVENTION: No. US20030152926Alel Methods of Diagnosis of Angiogenesis,
TITLE OF INVENTION: Compositions and Methods of Screening for Angiogenesis
TITLE OF INVENTION: Modulators
FILE REFERENCE: 018501-000710US
CURRENT APPLICATION NUMBER: US/10/021,660
CURRENT APPLICATION NUMBER: US/09/784,356
PRIOR APPLICATION NUMBER: US/09/784,356
PRIOR FILING DATE: 2001-02-14
                                                                                                                                                                                   APPLICANT: FRANTZ, GRETCHEN
APPLICANT: HILLAN, KENNETH J.
APPLICANT: PHILLIPS, HEIDI S.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: TREATMENT OF TUMOR FILE REFERENCE: P5014R1-PCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 09/637,977
                                                               APPLICANT:
                                                                                                       APPLICANT:
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                                                                                                  POLAKIS, PAUL
SMITH, VICTORIA
SPENCER, SUSAN D.
WILLIAMS, P. MICKEY
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                                                                                                                                                                                                                                                                       Application US/10331496A
No. US20030228305A1
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Watson, Susan R.
                                                             WU, THOMAS D. ZHANG, ZEMIN
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25.0%; Pred. No. 0.075;
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 60/345,444
PRIOR FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: US 60/351,885
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 60/360,066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/368,679
PRIOR FILING DATE: 2002-03-28
PRIOR APPLICATION NUMBER: US 60/404,809
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-02-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local
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PILING DATE: 2002-03-20
APPLICATION NUMBER: US 60/366,284
PILING DATE: 2002-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2002-08-19
                                                                                                                                                                                                                                                         412 -----GG----LYIQNVVQGDSGEYACSATNNIDSVHATAFIIVQALPQFTVTPQD
                                                                                                                                                                                                                                                                                                                                            354 GSPARPTFVIQPONTEVLVGESVTLECSATGHPPPRISWTRGDRTPLPVDPRVNITPS--
567 GEPEPAITWNKDGVQVTESGKFHISPEGFLTINDVGPADAGRYECVARNTIG
                                                                                                                         189 NGTLTCVATWKSLKARKSATVNLTV-----IRCPQDT----GGGINIPGVLSSLPSL
                                                                                                                                                                    459 RVVIEGOTVDFQC-EAKGNPPPVIAWTKGGSQLSVDRRHLVLSSGTLR--ISGVALHDQ-
                                                                                                                                                                                                              130 LVVAENEPCEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQS
                                                                                                                                                                                                                                                                                                  72 FTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNS--RLHGSAYLTVQVMGELFIPSVN
                                                                                                                                                                                                                                                                                                                                                                                       13 GSGSGNEVIEGPQNATVLKGSQARFNCTVS-QGWKLIMWALSDMVVLSVRPMEPIITNDR 71
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                                      GFSLP--TWGKVGLGL--AGTMLLTPTCTLTI-----RCCCCRRRCCG
                                                                                -GQYECQAV--NIIGSQKVVAHLTVQPRVTPVFASIPSDTTVEVGANVQLP-----CSSQ
                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 1496;
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618
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RESULT 15
US-10-211-462-87
US-10-211-462-87
; Sequence 87, Application US/10211462
; Publication No. US20040033495A1
; Publication No. US20040033495A1
; GENERAL INFORMATION:
APPLICANT: Matray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Watson, Susan R.
APPLICANT: Watson, Susan R.
APPLICANT: Bos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Angiogenesis, Compositions
TITLE OF INVENTION: Methods of Screening for Angiogenesis Modulators
FILE REFERENCE: 018501-006200US
CURRENT APPLICATION NUMBER: US/10/211,462
; CURRENT FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: US 09/784,356
; PRIOR APPLICATION NUMBER: US 09/784,356
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: US 60/310,025
; PRIOR FILING DATE: 2001-02-22
; PRIOR FILING DATE: 2001-08-03
; PRIOR FILING DATE: 2001-08-03

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; PRIOR APPLICATION NUMBER: US 60/334,244
; PRIOR FILING DATE: 2001-11-29
; NUMBER OF SEQ ID NOS: 230
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 87
; LENGTH: 1496
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-211-462-87
Search completed: February 22, 2005, 19:55:34 Job time: 75.253 secs
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                                                                                                                   189 NGTLTCVATWKSLKARKSATVNLTV------IRCPQDT----GGGINIPGVLSSLPSL 236
                                                     567 GEPEPAITWNKDGVQVTESGKFHISPEGFLTINDVGPADAGRYECVARNTIG 618
                                                                                     237 GFSLP--TWGKVGLGL--AGTMLLTPTCTLTI------RCCCCRRRCCG 275
                                                                                                                                                                                       130 LYVAENEPCEVTCLPSHWTRLPDISW-ELGILVSHSSYYFVPEPSDLQSAVSILALTPQS 188
                                                                                                                                                                                                                                                       72 FTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNS--RLHGSAYLTVQVMGELFIPSVN 129
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